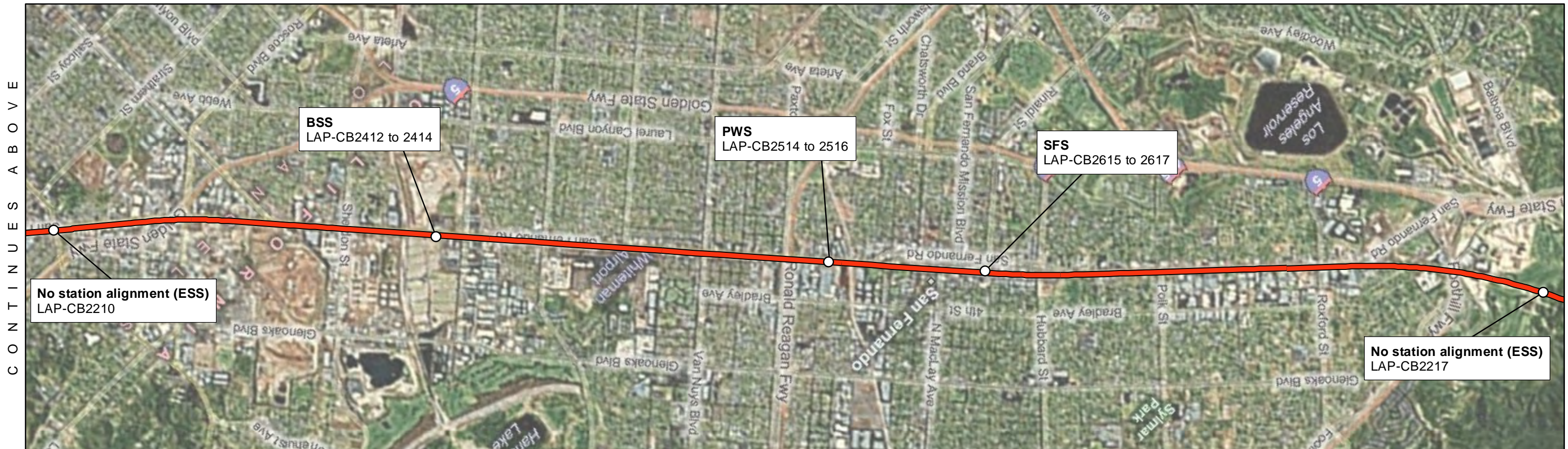


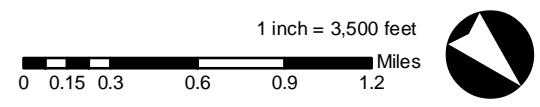
CONTINUES BELOW

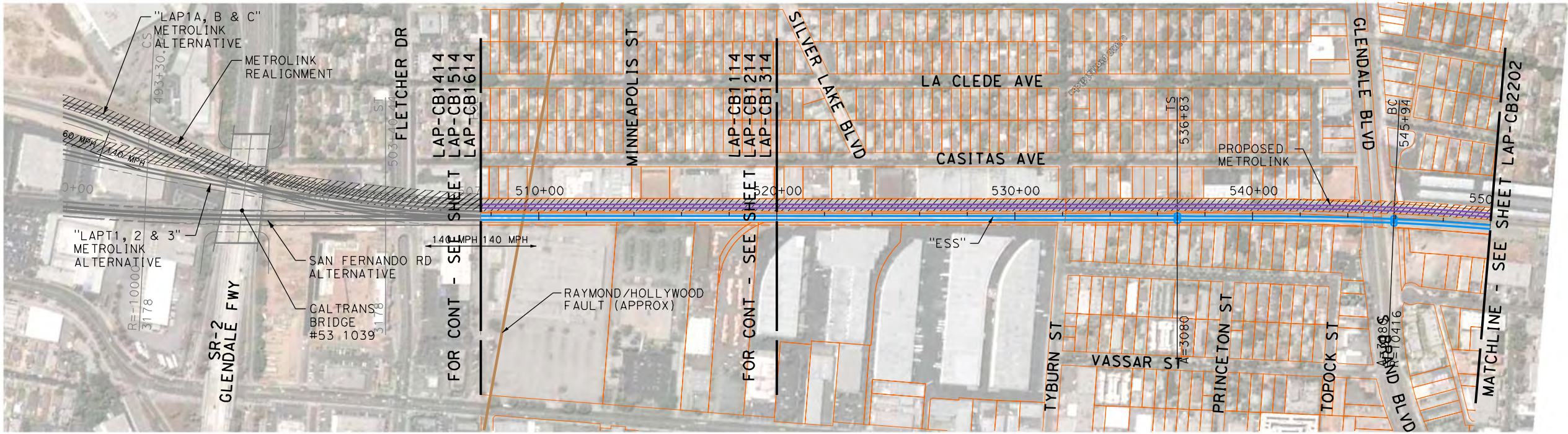


CONTINUES ABOVE

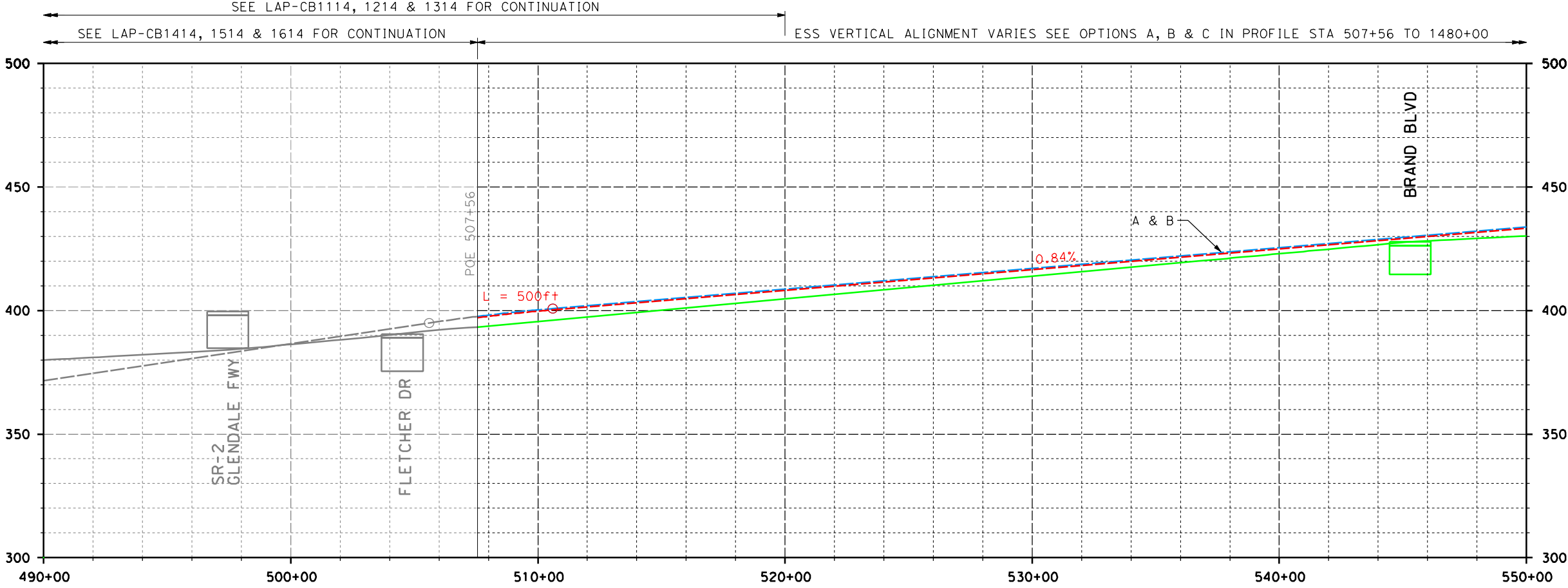


California High Speed Train - Palmdale to Los Angeles Section
Preliminary Alternatives Analysis Report - Drawing Index - SR 2 to Sylmar

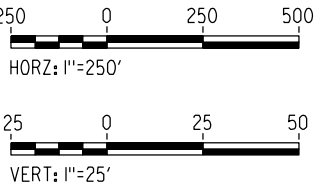
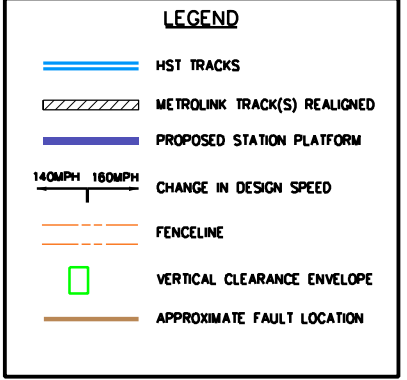
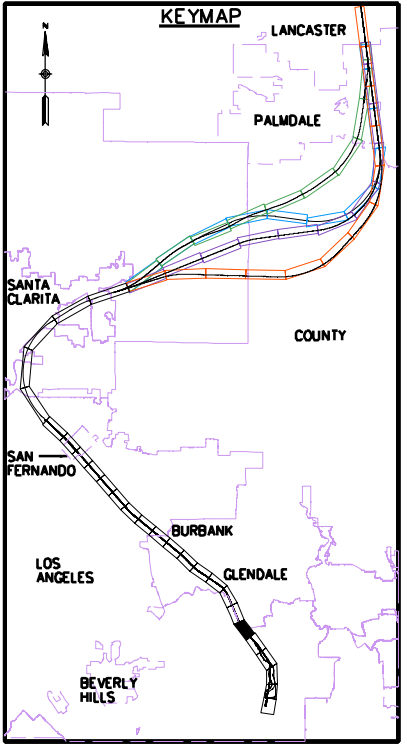




PLAN



PROFILE



james.reilly 2010-07-07 16:28:51 c:\pwworking\hmm\james.reilly\pup.com\dms03875\LAP-CB2201.dgn

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J. LANGHAM
DRAWN BY
J. REILLY
CHECKED BY
N. CARSTAIRS
IN CHARGE
R. HOLMQUIST
DATE
07/02/2010



Hatch Mott MacDonald, URS, & Arup
A HIGH-SPEED RAIL JOINT VENTURE



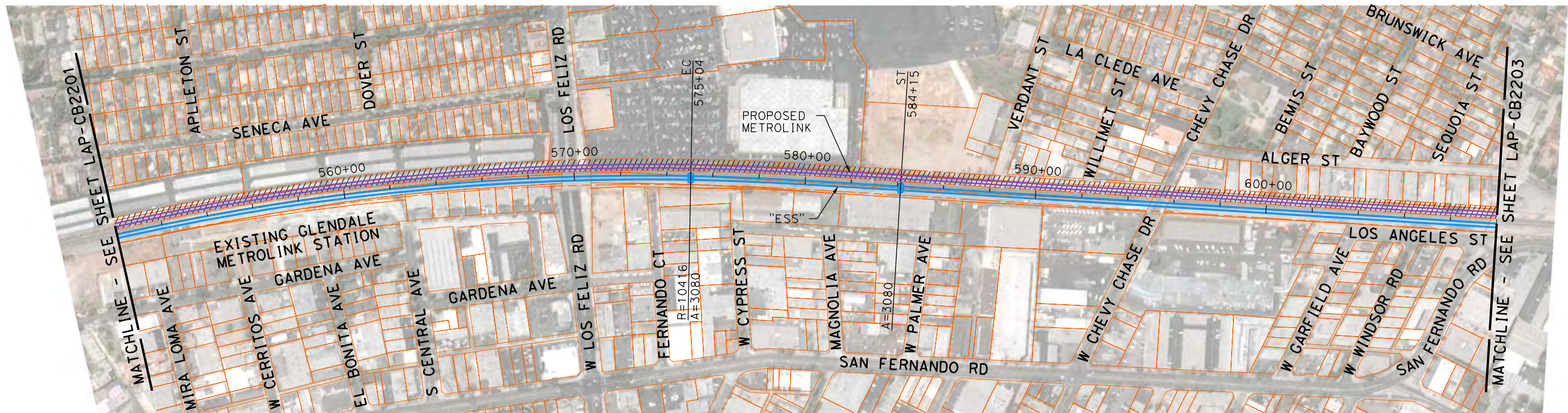
CALIFORNIA HIGH-SPEED RAIL AUTHORITY
FLY CALIFORNIA
Without ever leaving the ground.

**CALIFORNIA HIGH-SPEED TRAIN PROJECT
PALMDALE TO LOS ANGELES**

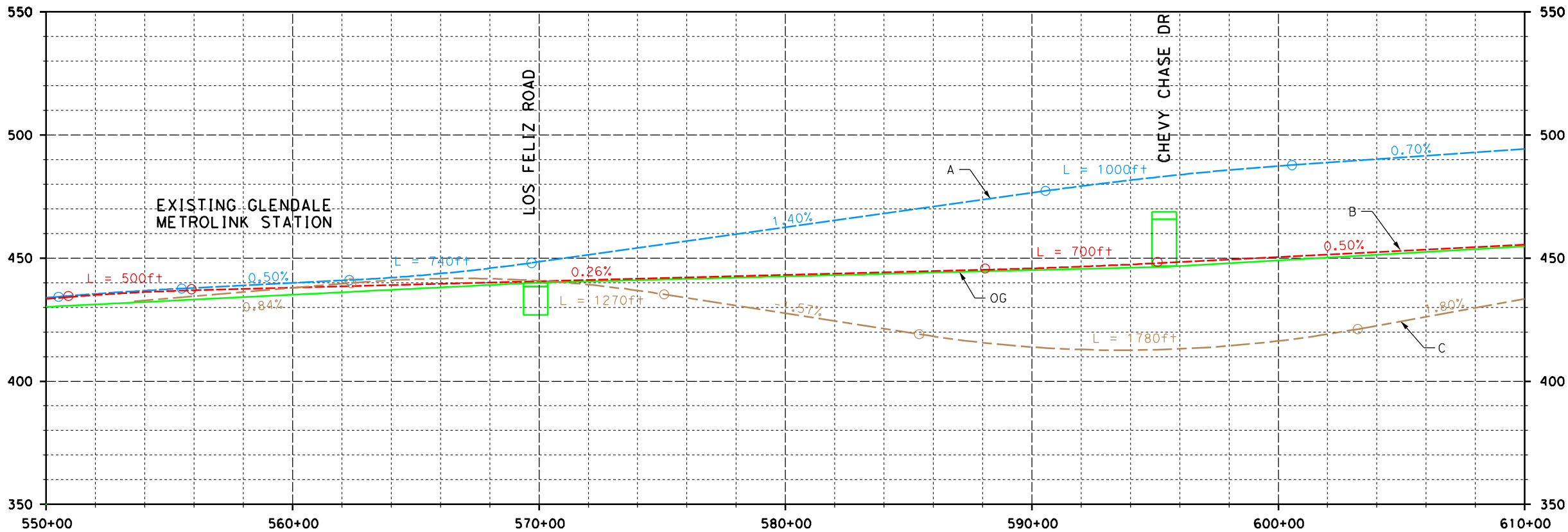
ALTERNATIVE ANALYSIS
SR-2 TO SYLMAR - "ESS"
PLAN AND PROFILE
STA 507+56 TO 550+00

CONTRACT NO.
DRAWING NO.
LAP-CB2201
SCALE
AS SHOWN
SHEET NO.
1 OF 17

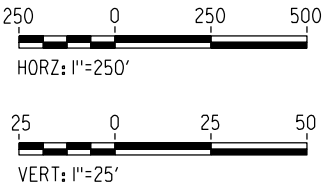
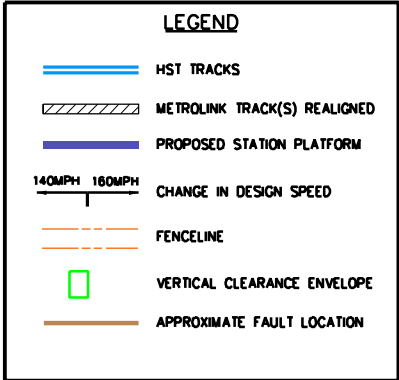
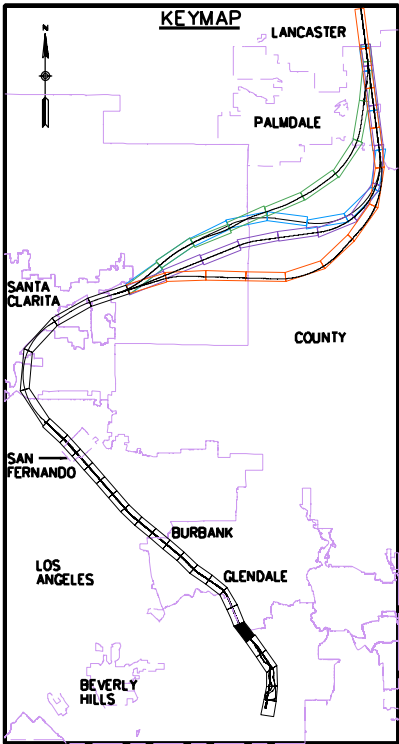
james.reilly 2010-07-07 16:29:43 c:\pwworking\hmm\james.reilly\dms03875\LAP-CB2202.dgn



PLAN



PROFILE



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY J. LANGHAM
DRAWN BY J. REILLY
CHECKED BY N. CARSTAIRS
IN CHARGE R. HOLMQUIST
DATE 07/02/2010



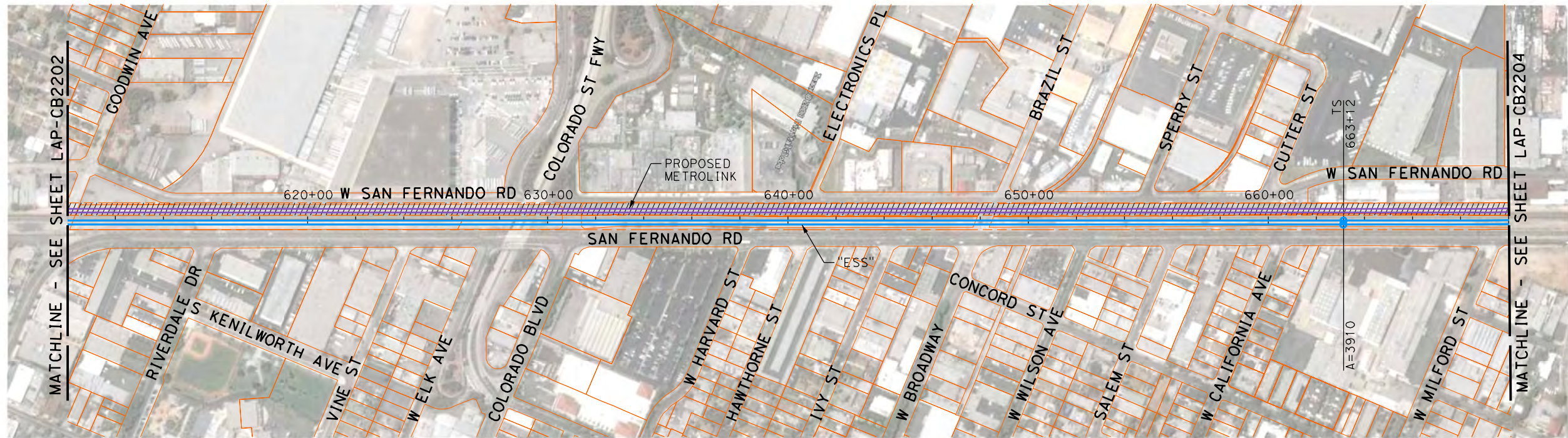
Hatch Mott MacDonald, URS, & Arup
A HIGH-SPEED RAIL JOINT VENTURE



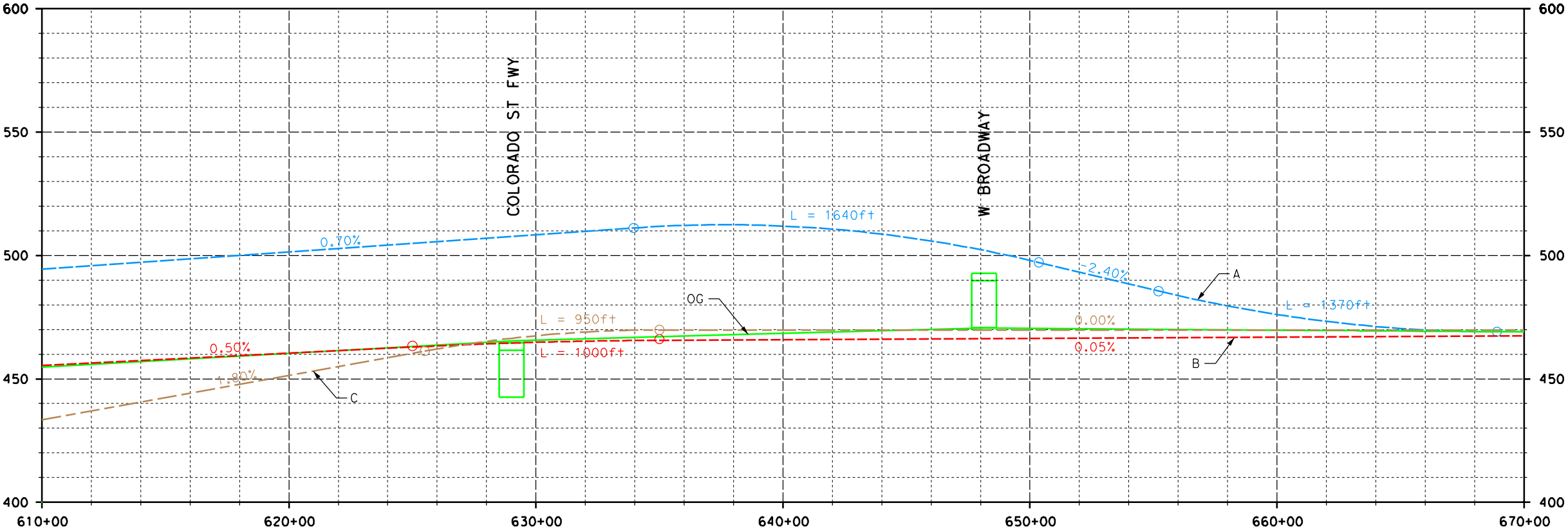
CALIFORNIA HIGH-SPEED RAIL AUTHORITY
Without ever leaving the ground.

**CALIFORNIA HIGH-SPEED TRAIN PROJECT
PALMDALE TO LOS ANGELES**
ALTERNATIVE ANALYSIS
SR-2 TO SYLMAR - "ESS"
PLAN AND PROFILE
STA 550+00 TO 610+00

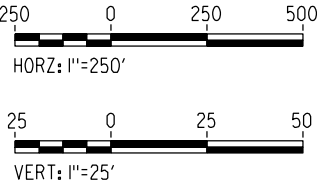
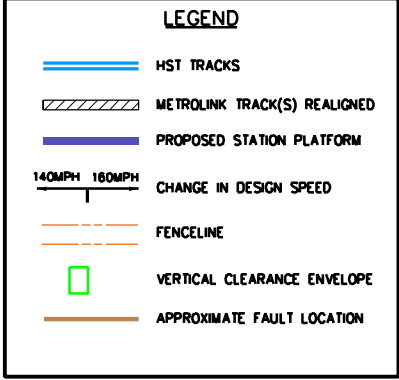
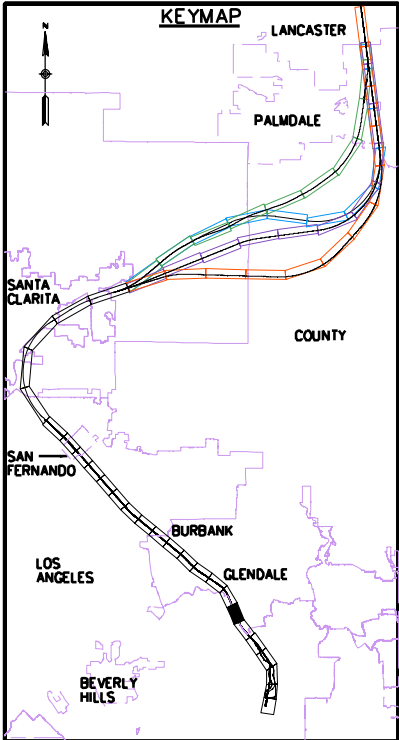
CONTRACT NO.
DRAWING NO. LAP-CB2202
SCALE AS SHOWN
SHEET NO. 2 OF 17



PLAN



PROFILE



james.reilly 2010-07-07 16:30:44 c:\pwworking\hmm\james.reilly\arup.com\dms03875\LAP-CB2203.dgn

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY J. LANGHAM
DRAWN BY J. REILLY
CHECKED BY N. CARSTAIRS
IN CHARGE R. HOLMQUIST
DATE 07/02/2010



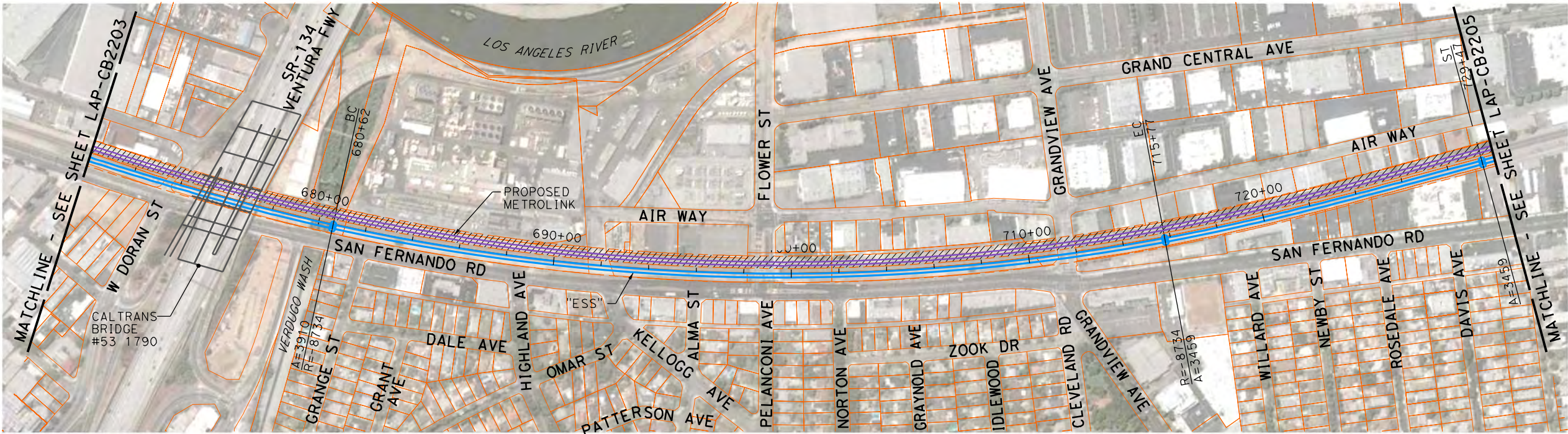
Hatch Mott MacDonald, URS, & Arup
A HIGH-SPEED RAIL JOINT VENTURE



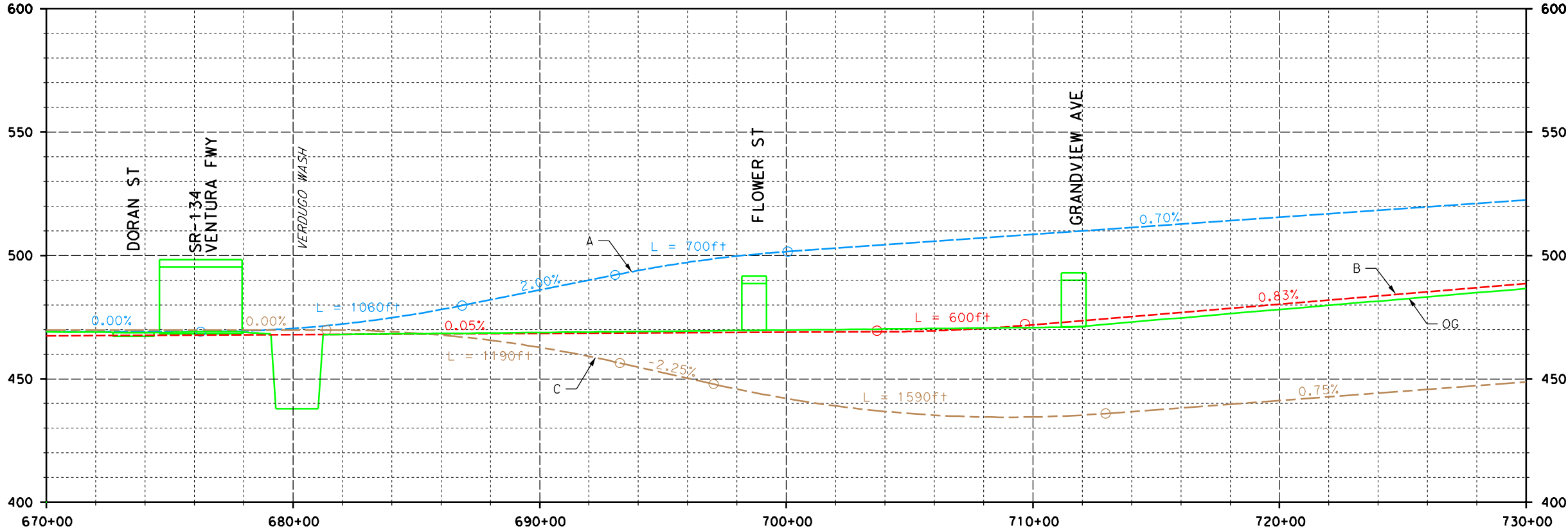
CALIFORNIA HIGH-SPEED RAIL AUTHORITY
FLY CALIFORNIA
Without ever leaving the ground.

**CALIFORNIA HIGH-SPEED TRAIN PROJECT
PALMDALE TO LOS ANGELES**
ALTERNATIVE ANALYSIS
SR-2 TO SYLMAR - "ESS"
PLAN AND PROFILE
STA 610+00 TO 670+00

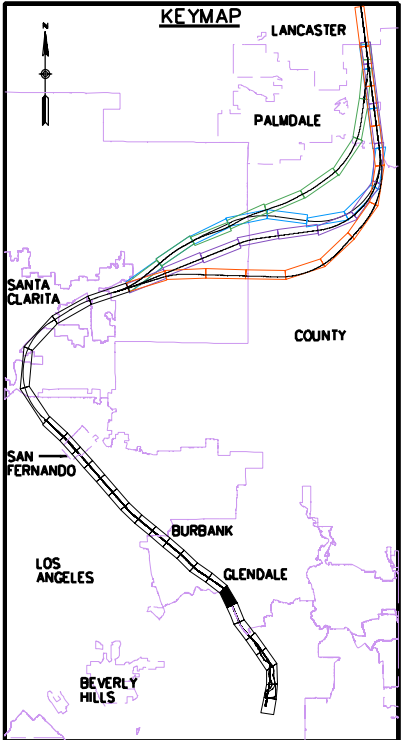
CONTRACT NO.
DRAWING NO. LAP-CB2203
SCALE AS SHOWN
SHEET NO. 3 OF 17



PLAN

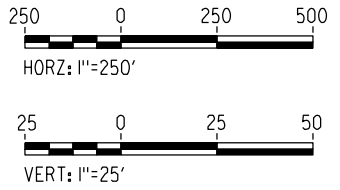


PROFILE



LEGEND

- HST TRACKS
- METROLINK TRACK(S) REALIGNED
- PROPOSED STATION PLATFORM
- CHANGE IN DESIGN SPEED (140MPH to 160MPH)
- FENCELINE
- VERTICAL CLEARANCE ENVELOPE
- APPROXIMATE FAULT LOCATION



james.reilly 2010-07-07 16:31:29 c:\pwworking\hmm\james.reilly\pup.com\dms03875\LAP-CB2204.dgn

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J. LANGHAM
DRAWN BY
J. REILLY
CHECKED BY
N. CARSTAIRS
IN CHARGE
R. HOLMQUIST
DATE
07/02/2010



Hatch Mott MacDonald, URS, & Arup
A HIGH-SPEED RAIL JOINT VENTURE

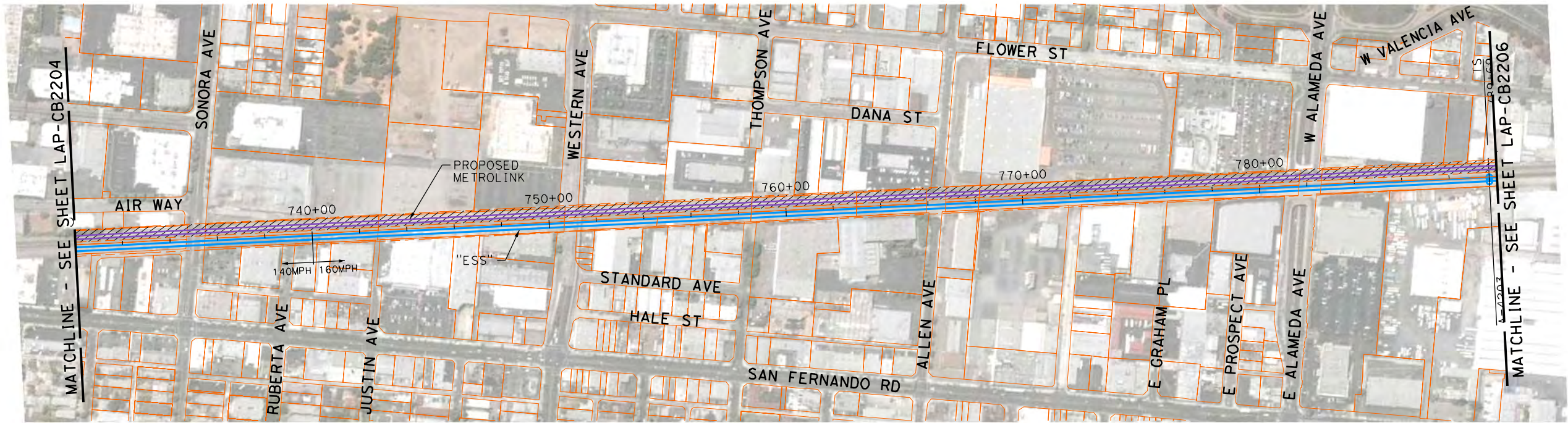


CALIFORNIA HIGH-SPEED RAIL AUTHORITY
FLY CALIFORNIA
Without ever leaving the ground.

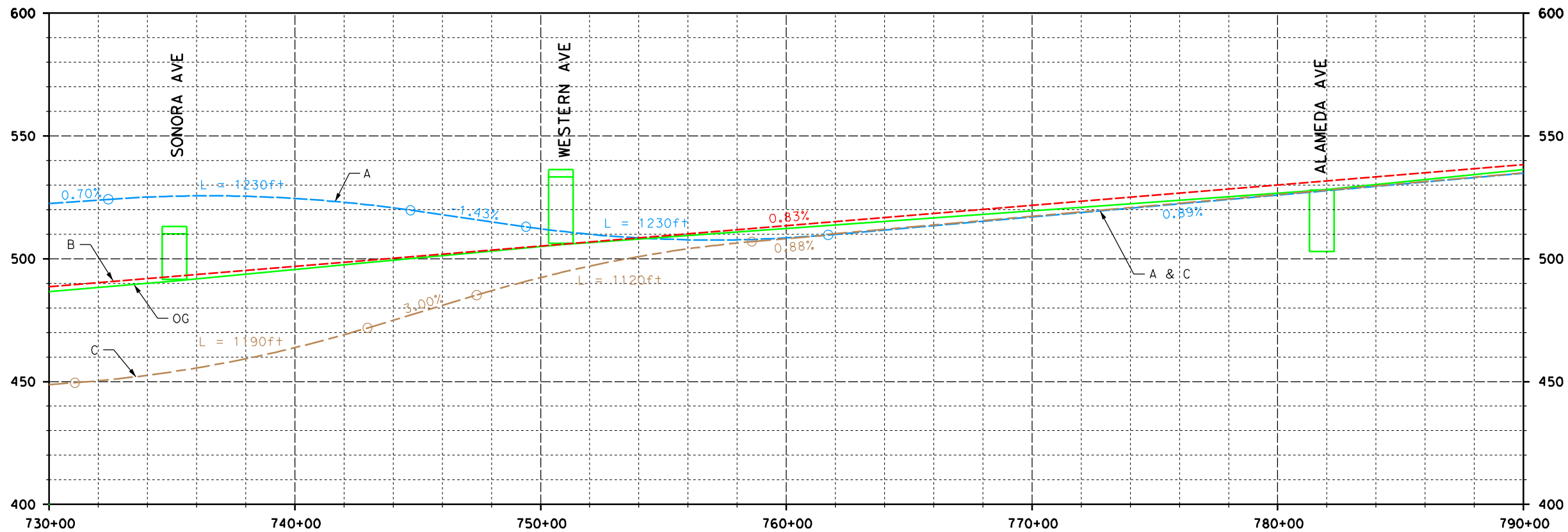
**CALIFORNIA HIGH-SPEED TRAIN PROJECT
PALMDALE TO LOS ANGELES**
ALTERNATIVE ANALYSIS
SR-2 TO SYLMAR - "ESS"
PLAN AND PROFILE
STA 670+00 TO 730+00

CONTRACT NO.
DRAWING NO.
LAP-CB2204
SCALE
AS SHOWN
SHEET NO.
4 OF 17

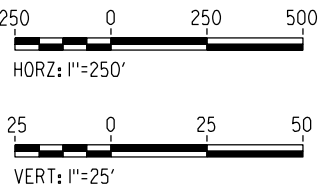
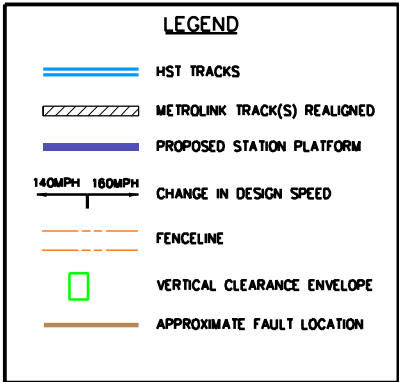
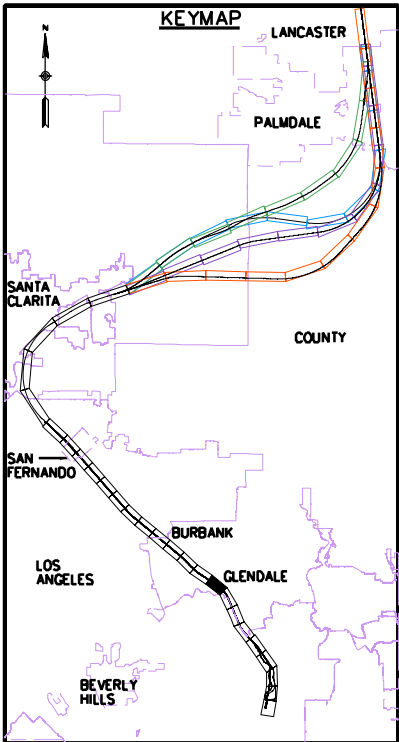
james.reilly 2010-07-07 16:32:47 c:\pwworking\hmm\james.reilly\arup.com\dms03875\LAP-CB2205.dgn



PLAN



PROFILE



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY J. LANGHAM
DRAWN BY J. REILLY
CHECKED BY N. CARSTAIRS
IN CHARGE R. HOLMQUIST
DATE 07/02/2010



Hatch Mott MacDonald, URS, & Arup
A HIGH-SPEED RAIL JOINT VENTURE

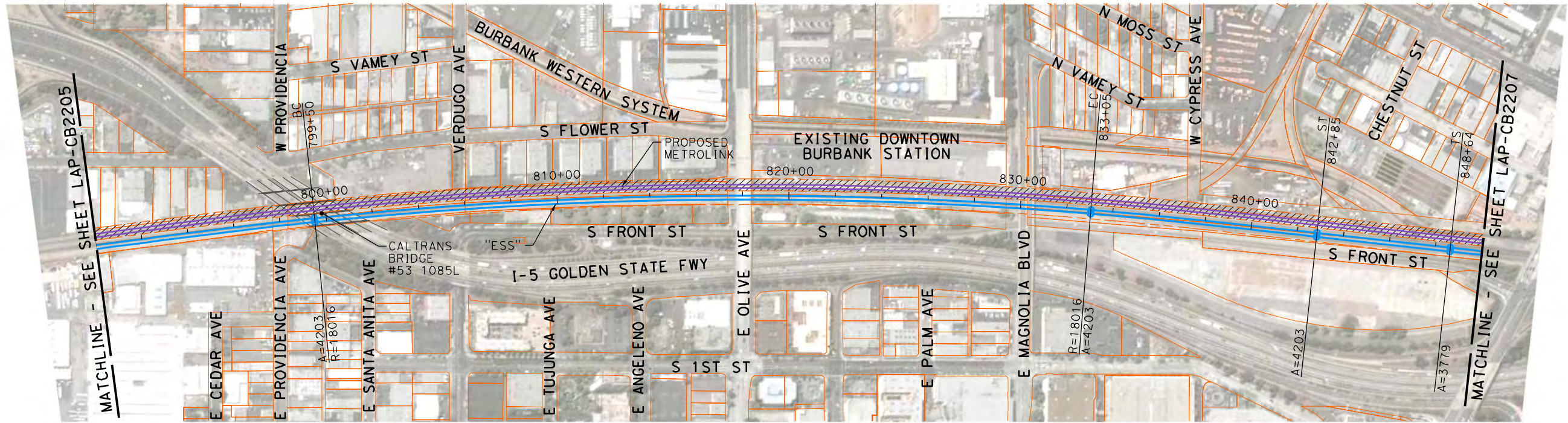


CALIFORNIA HIGH-SPEED RAIL AUTHORITY
FLY CALIFORNIA
Without ever leaving the ground.

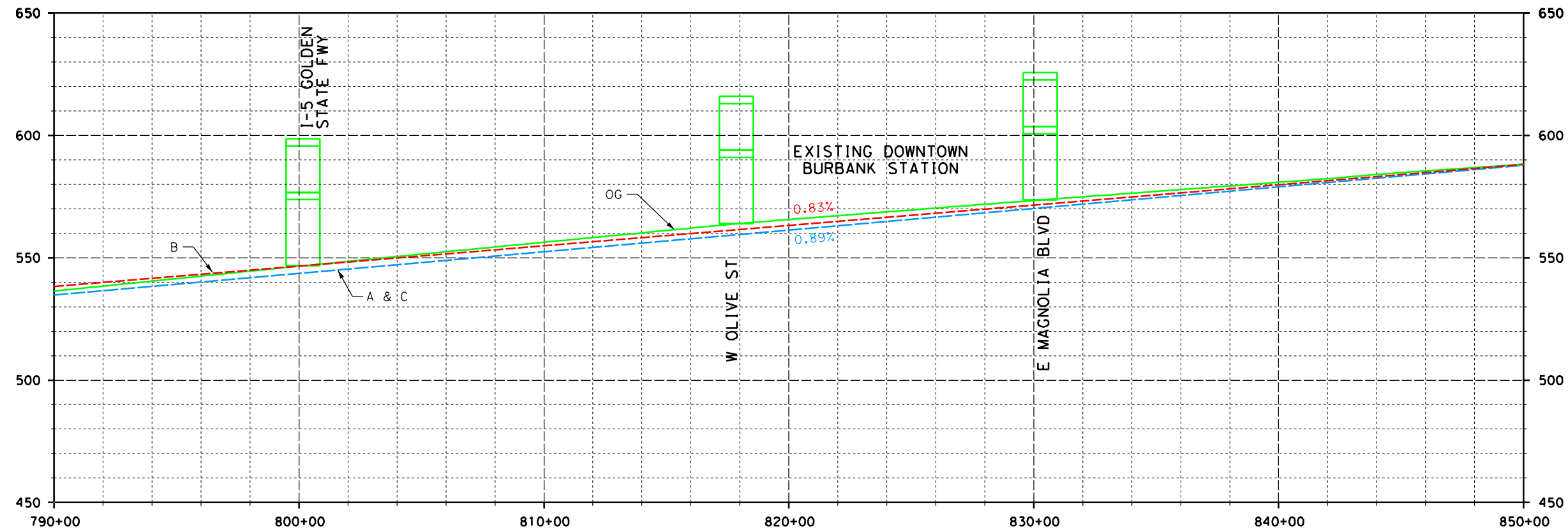
**CALIFORNIA HIGH-SPEED TRAIN PROJECT
LOS ANGELES TO PALMDALE**
ALTERNATIVE ANALYSIS
SR-2 TO SYLMAR - "ESS"
PLAN AND PROFILE
STA 730+00 TO 790+00

CONTRACT NO.
DRAWING NO. LAP-CB2205
SCALE AS SHOWN
SHEET NO. 5 OF 17

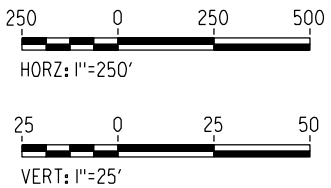
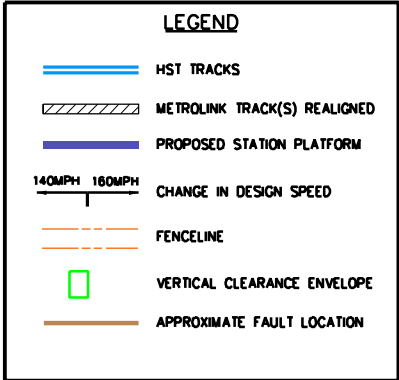
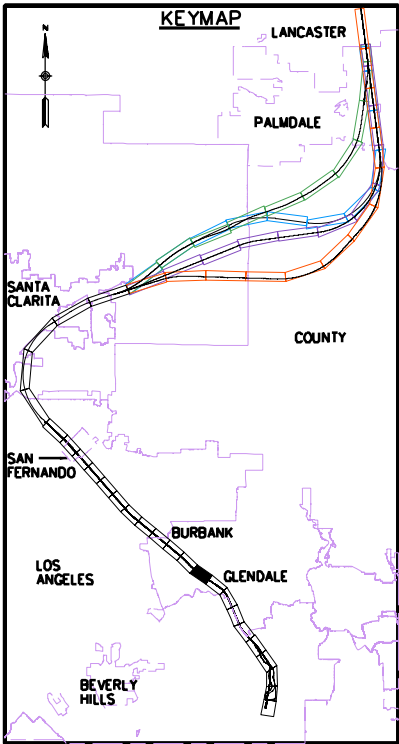
james.reilly 2010-07-07 16:33:29 c:\pwworking\hmm\james.reilly\up.com\dms03875\LAP-CB2206.dgn



PLAN



PROFILE



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY J. LANGHAM
DRAWN BY J. REILLY
CHECKED BY N. CARSTAIRS
IN CHARGE R. HOLMQUIST
DATE 07/02/2010



Hatch Mott MacDonald, URS, & Arup
A HIGH-SPEED RAIL JOINT VENTURE

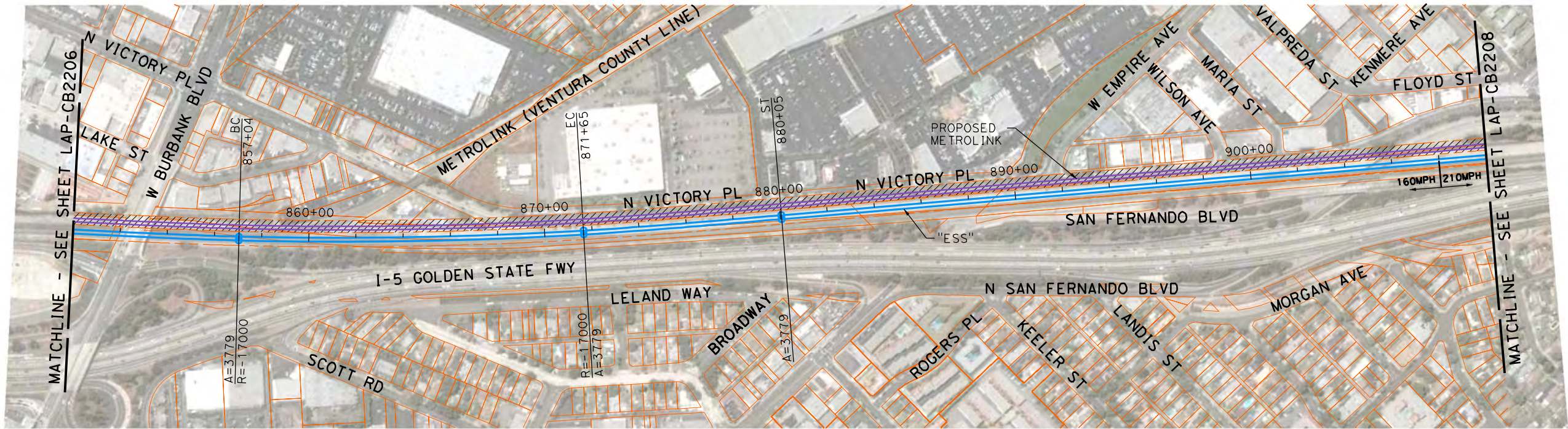


CALIFORNIA HIGH-SPEED RAIL AUTHORITY
FLY CALIFORNIA
Without ever leaving the ground.

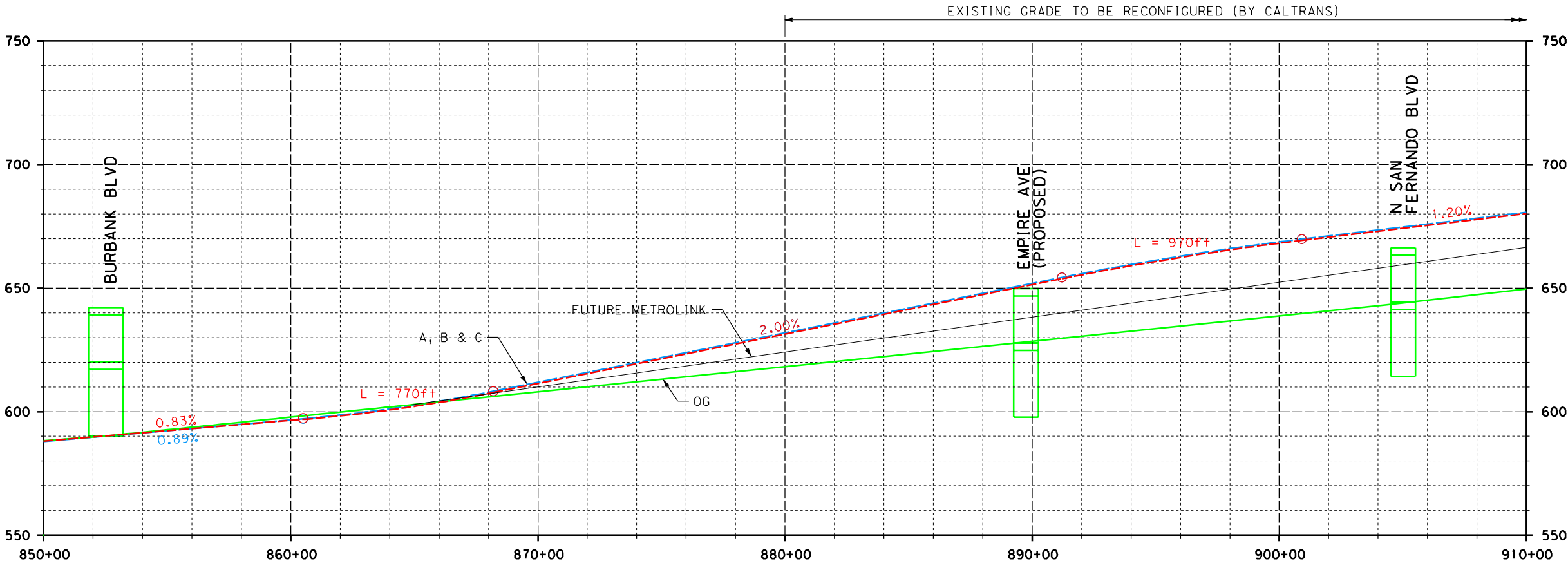
**CALIFORNIA HIGH-SPEED TRAIN PROJECT
LOS ANGELES TO PALMDALE**
ALTERNATIVE ANALYSIS
SR-2 TO SYLMAR - "ESS"
PLAN AND PROFILE
STA 790+00 TO 850+00

CONTRACT NO.
DRAWING NO. LAP-CB2206
SCALE AS SHOWN
SHEET NO. 6 OF 17

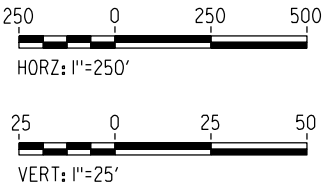
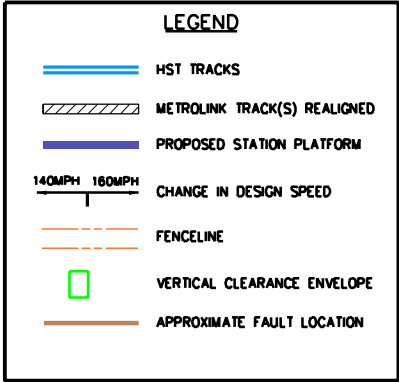
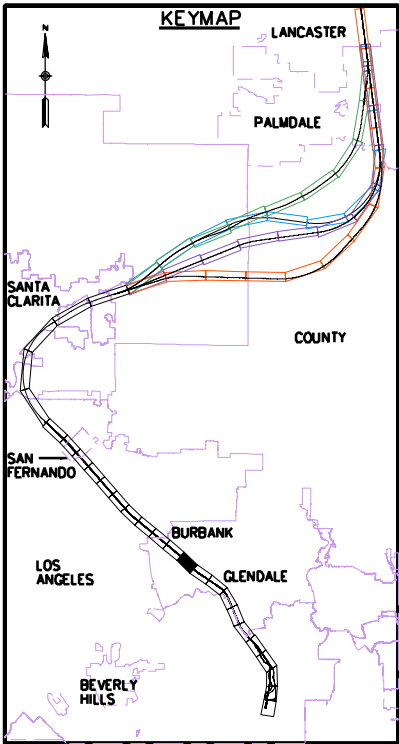
james.reilly 2010-07-07 16:34:10 c:\pwworking\hmm\james.reilly\pup.com\dms03875\LAP-CB2207.dgn



PLAN



PROFILE



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY J. LANGHAM
DRAWN BY J. REILLY
CHECKED BY N. CARSTAIRS
IN CHARGE R. HOLMQUIST
DATE 07/02/2010



Hatch Mott MacDonald, URS, & Arup
A HIGH-SPEED RAIL JOINT VENTURE

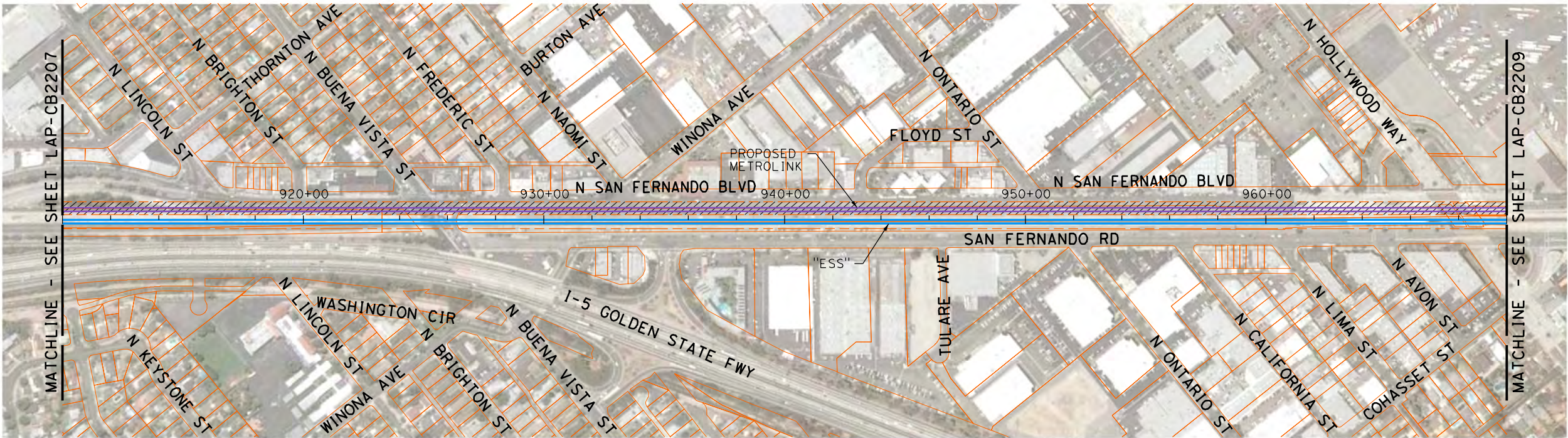


CALIFORNIA HIGH-SPEED RAIL AUTHORITY
FLY CALIFORNIA
Without ever leaving the ground.

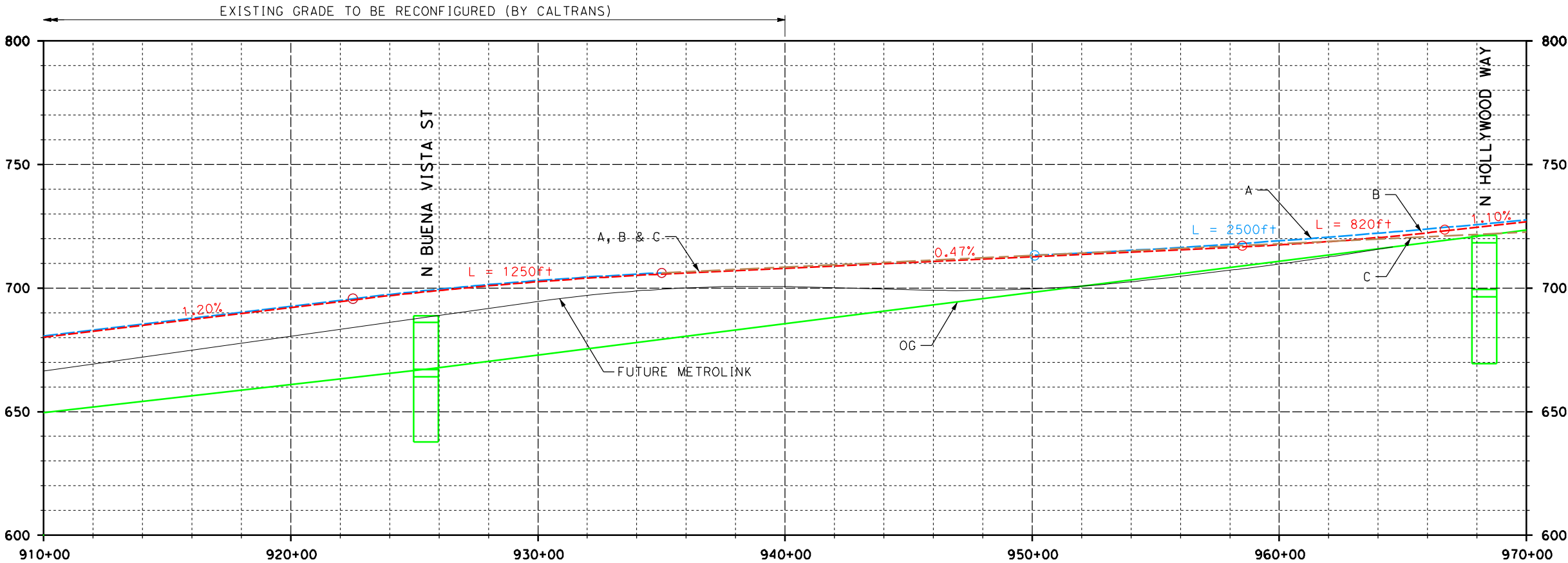
**CALIFORNIA HIGH-SPEED TRAIN PROJECT
LOS ANGELES TO PALMDALE**

ALTERNATIVE ANALYSIS
SR-2 TO SYLMAR - "ESS"
PLAN AND PROFILE
STA 850+00 TO 910+00

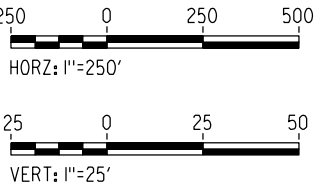
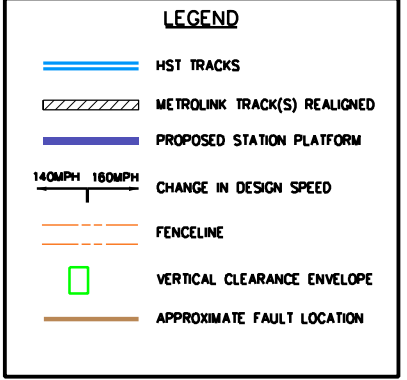
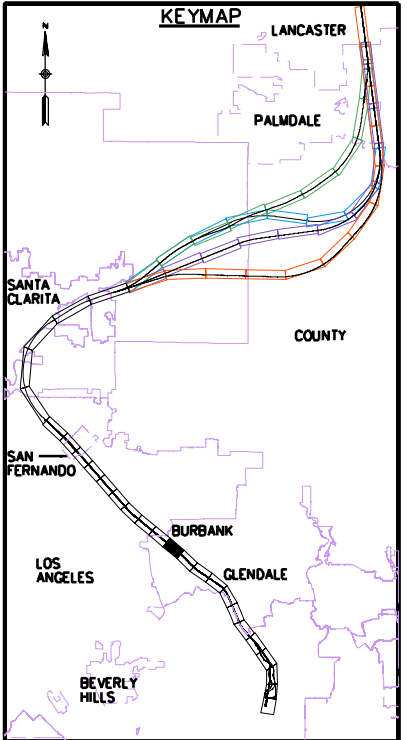
CONTRACT NO.
DRAWING NO. LAP-CB2207
SCALE AS SHOWN
SHEET NO. 7 OF 17



PLAN



PROFILE



james.reilly 2010-07-07 16:34:48 c:\pwworking\hmm\james.reilly\pup.com\dms03875\LAP-CB2208.dgn

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J. LANGHAM
DRAWN BY
J. REILLY
CHECKED BY
N. CARSTAIRS
IN CHARGE
R. HOLMQUIST
DATE
07/02/2010



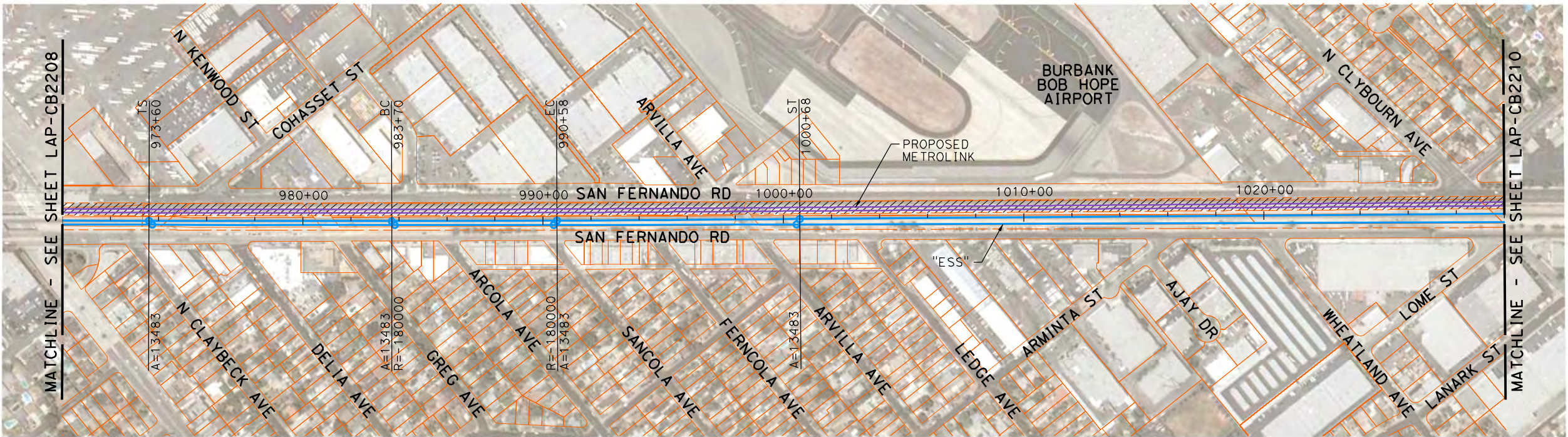
Hatch Mott MacDonald, URS, & Arup
A HIGH-SPEED RAIL JOINT VENTURE



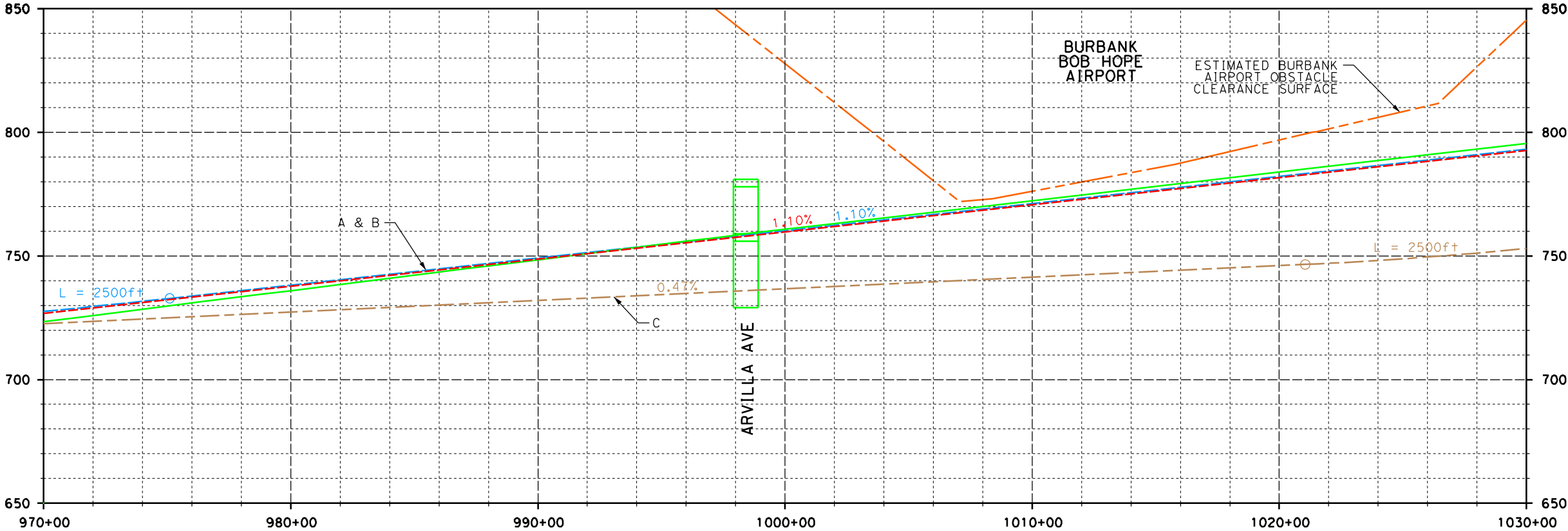
CALIFORNIA HIGH-SPEED RAIL AUTHORITY
FLY CALIFORNIA
Without ever leaving the ground.

**CALIFORNIA HIGH-SPEED TRAIN PROJECT
PALMDALE TO LOS ANGELES**
ALTERNATIVE ANALYSIS
SR-2 TO SYLMAR - "ESS"
PLAN AND PROFILE
STA 910+00 TO 970+00

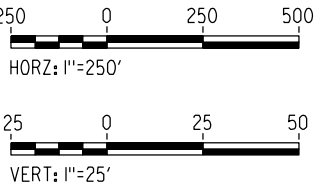
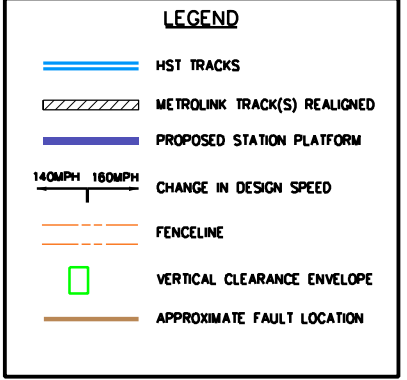
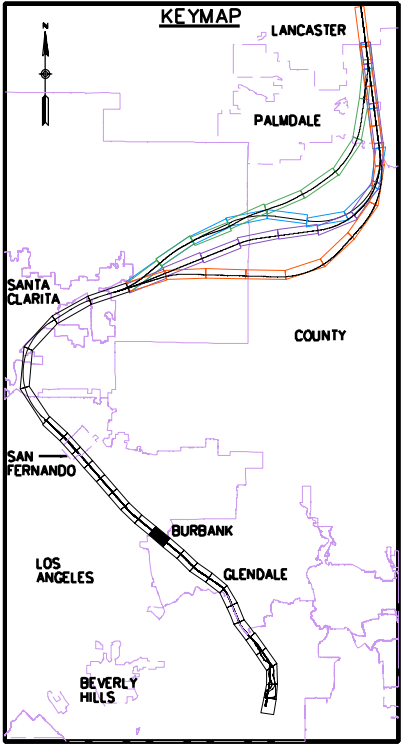
CONTRACT NO.
DRAWING NO.
LAP-CB2208
SCALE
AS SHOWN
SHEET NO.
8 OF 17



PLAN



PROFILE



james.reilly
2010-07-07 16:35:29
c:\pwworking\hmm\james.reilly\pup.com\dms03875\LAP-CB2209.dgn

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY J. LANGHAM
DRAWN BY J. REILLY
CHECKED BY N. CARSTAIRS
IN CHARGE R. HOLMQUIST
DATE 07/02/2010



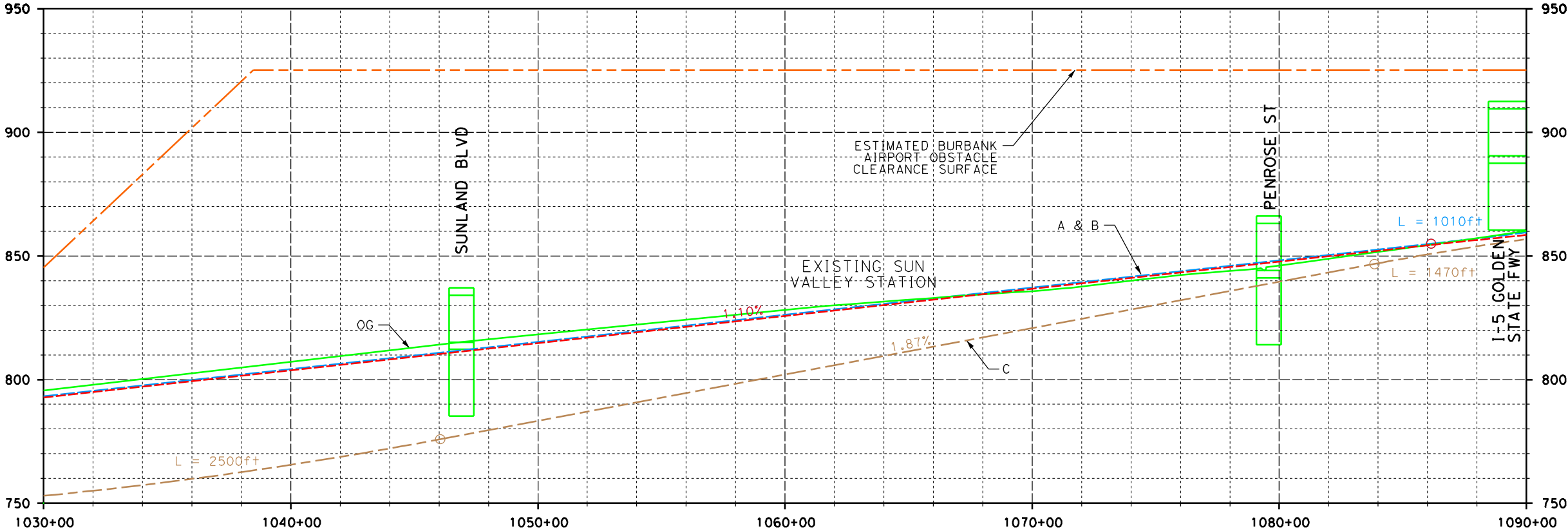
**CALIFORNIA HIGH-SPEED TRAIN PROJECT
PALMDALE TO LOS ANGELES**

ALTERNATIVE ANALYSIS
SR-2 TO SYLMAR - "ESS"
PLAN AND PROFILE
STA 970+00 TO 1030+00

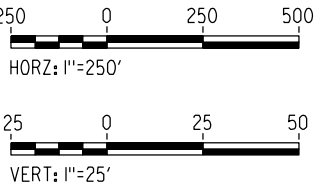
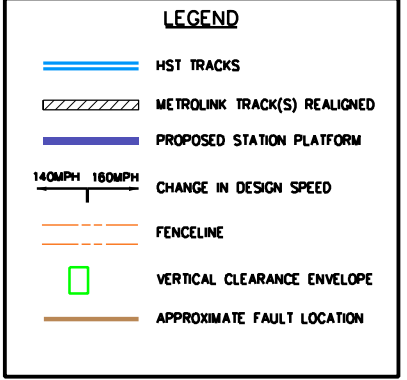
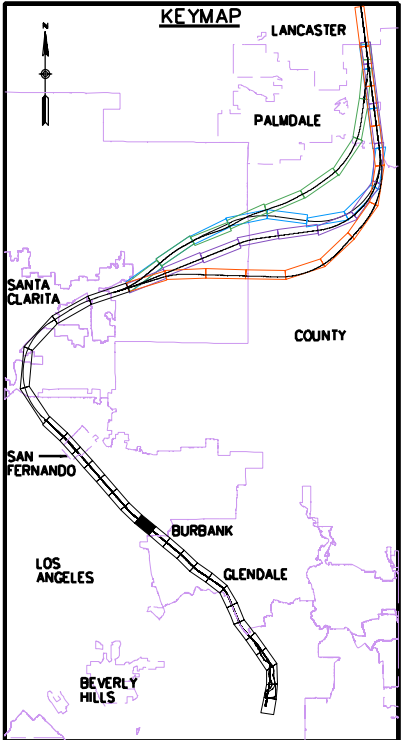
CONTRACT NO.
DRAWING NO. LAP-CB2209
SCALE AS SHOWN
SHEET NO. 9 OF 17



PLAN



PROFILE



james.reilly 2010-07-07 16:36:13 c:\pwworking\hmm\james.reilly\dgn\cb2210.dgn

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY J. LANGHAM
DRAWN BY J. REILLY
CHECKED BY N. CARSTAIRS
IN CHARGE R. HOLMQUIST
DATE 07/02/2010



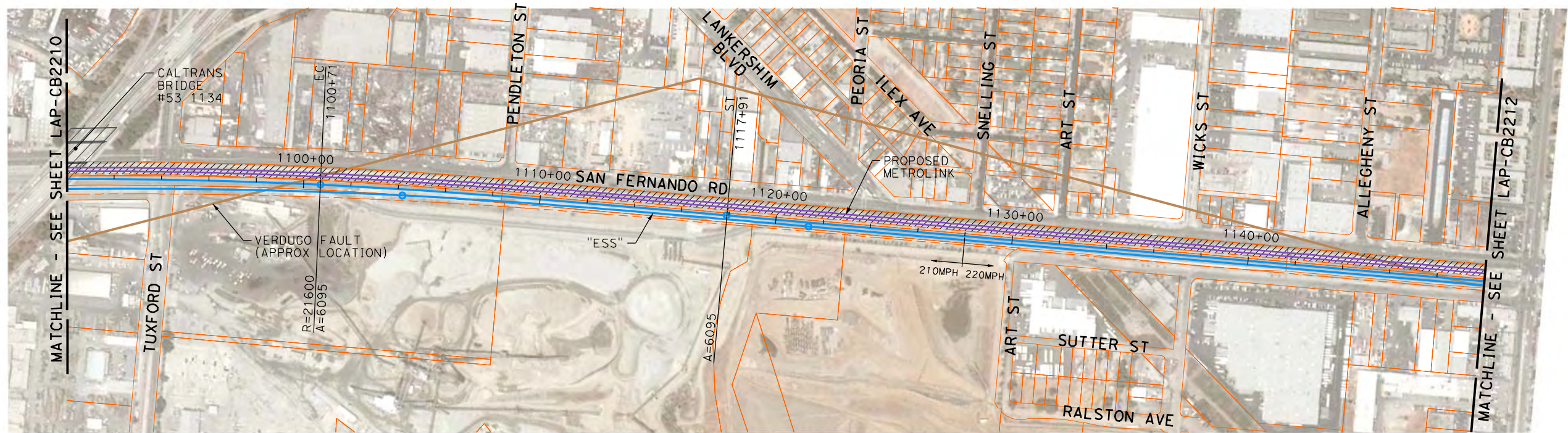
Hatch Mott MacDonald, URS, & Arup
A HIGH-SPEED RAIL JOINT VENTURE



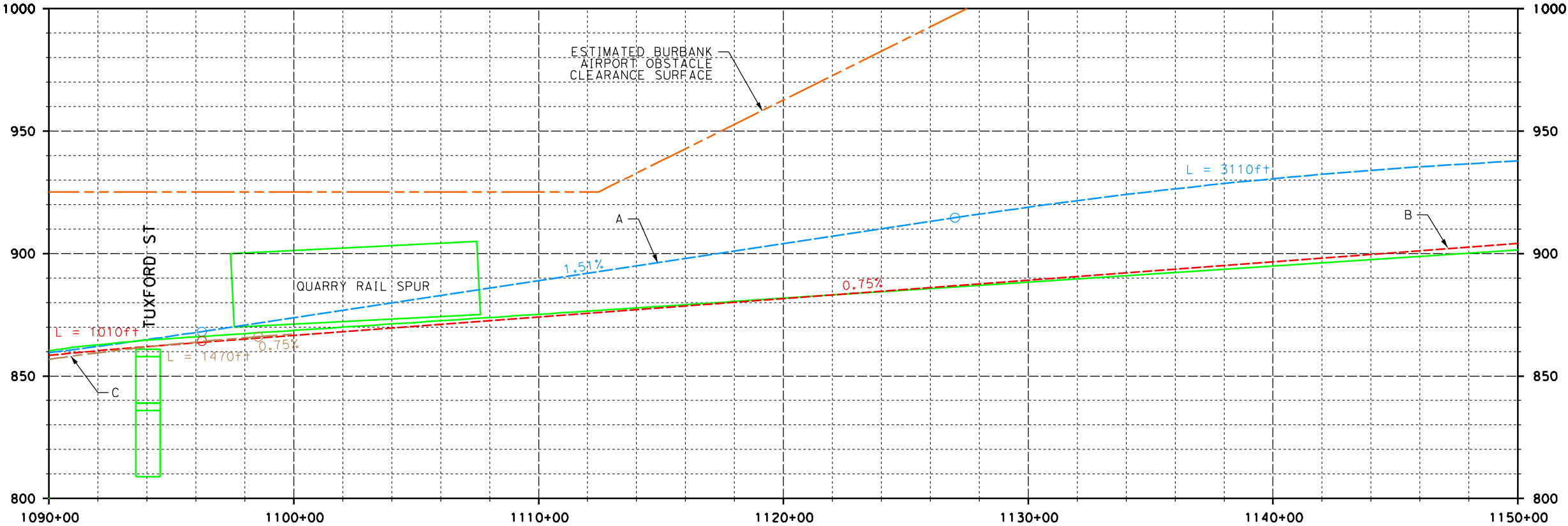
CALIFORNIA HIGH-SPEED RAIL AUTHORITY
FLY CALIFORNIA
Without ever leaving the ground.

**CALIFORNIA HIGH-SPEED TRAIN PROJECT
PALMDALE TO LOS ANGELES**
ALTERNATIVE ANALYSIS
SR-2 TO SYLMAR - "ESS"
PLAN AND PROFILE
STA 1030+00 TO 1090+00

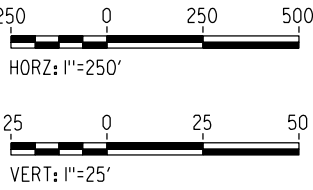
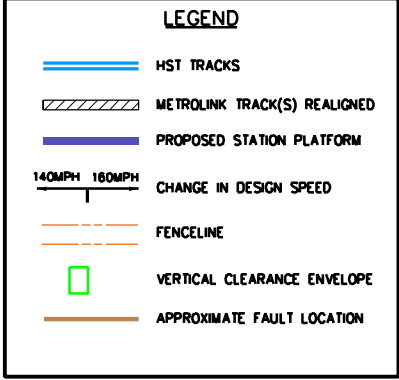
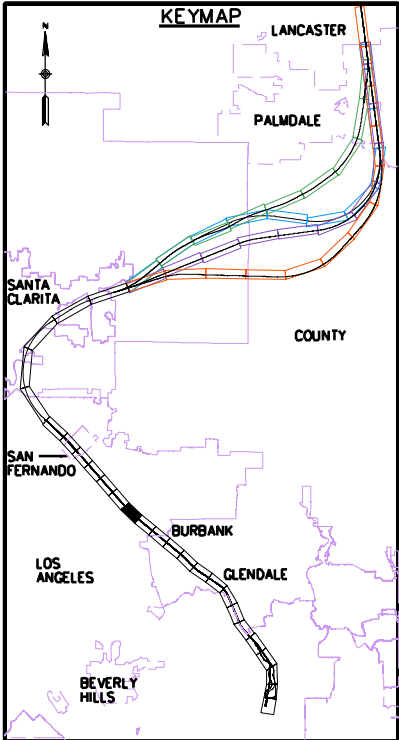
CONTRACT NO.
DRAWING NO. LAP-CB2210
SCALE AS SHOWN
SHEET NO. 10 OF 17



PLAN



PROFILE



james.reilly 2010-07-07 16:36:52 c:\pwworking\hmm\james.reilly\arup.com\dms03875\LAP-CB2211.dgn

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY J. LANGHAM
DRAWN BY J. REILLY
CHECKED BY N. CARSTAIRS
IN CHARGE R. HOLMQUIST
DATE 07/02/2010



Hatch Mott MacDonald, URS, & Arup
A HIGH-SPEED RAIL JOINT VENTURE

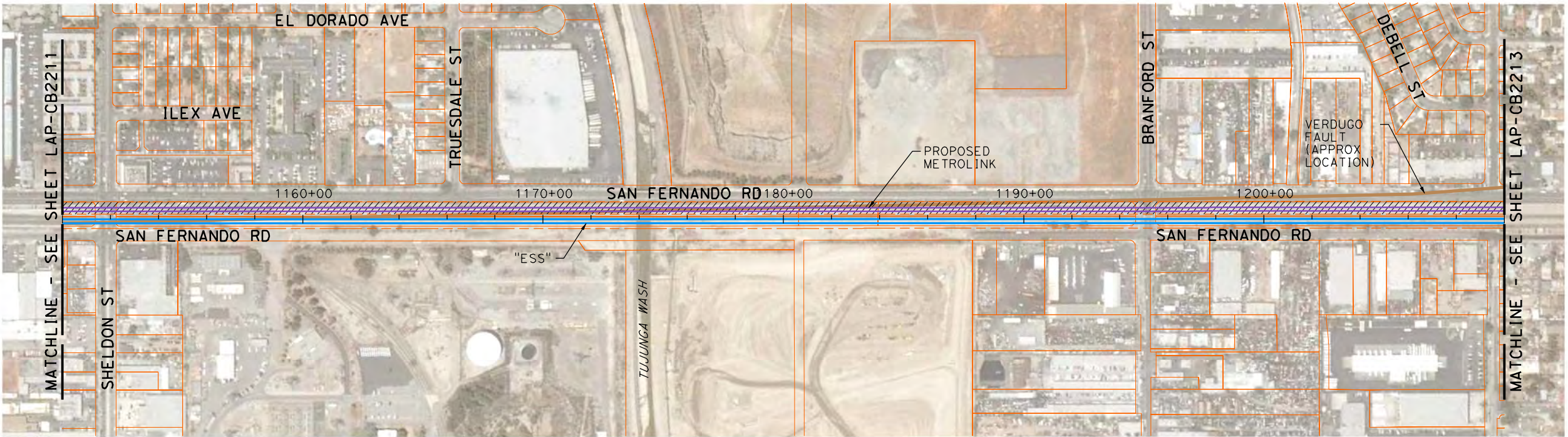


CALIFORNIA HIGH-SPEED RAIL AUTHORITY
FLY CALIFORNIA
Without ever leaving the ground.

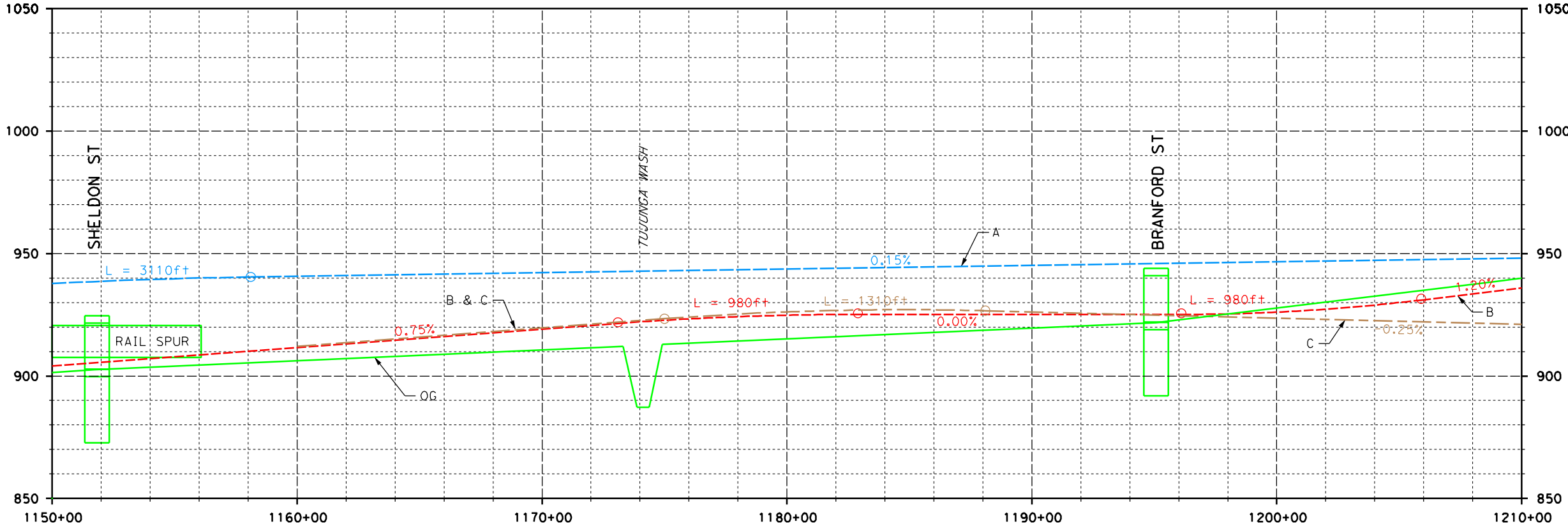
**CALIFORNIA HIGH-SPEED TRAIN PROJECT
PALMDALE TO LOS ANGELES**

ALTERNATIVE ANALYSIS
SR-2 TO SYLMAR - "ESS"
PLAN AND PROFILE
STA 1090+00 TO 1150+00

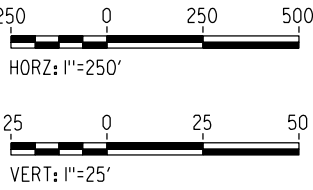
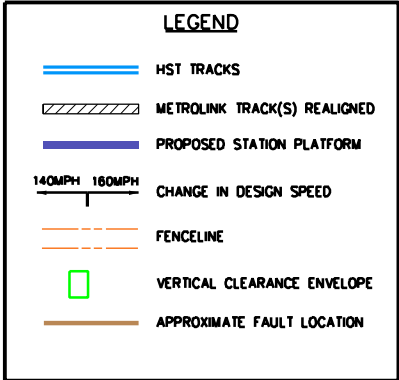
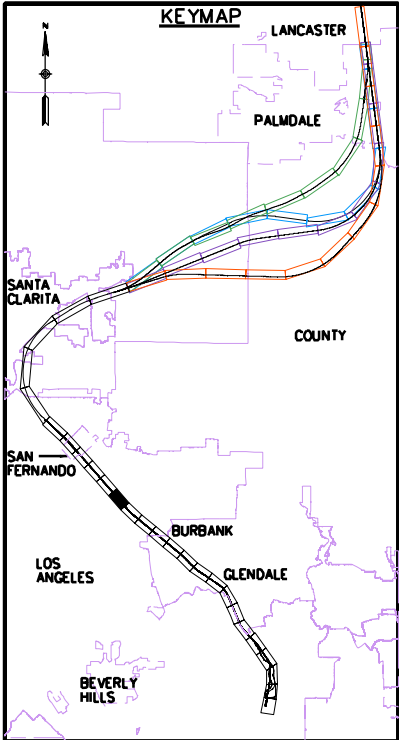
CONTRACT NO.
DRAWING NO. LAP-CB2211
SCALE AS SHOWN
SHEET NO. 11 OF 17



PLAN



PROFILE



james.reilly 2010-07-07 16:37:39 c:\pwworking\hmm\james.reilly\p03875\LAP-CB2212.dgn

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY J. LANGHAM
DRAWN BY J. REILLY
CHECKED BY N. CARSTAIRS
IN CHARGE R. HOLMQUIST
DATE 07/02/2010



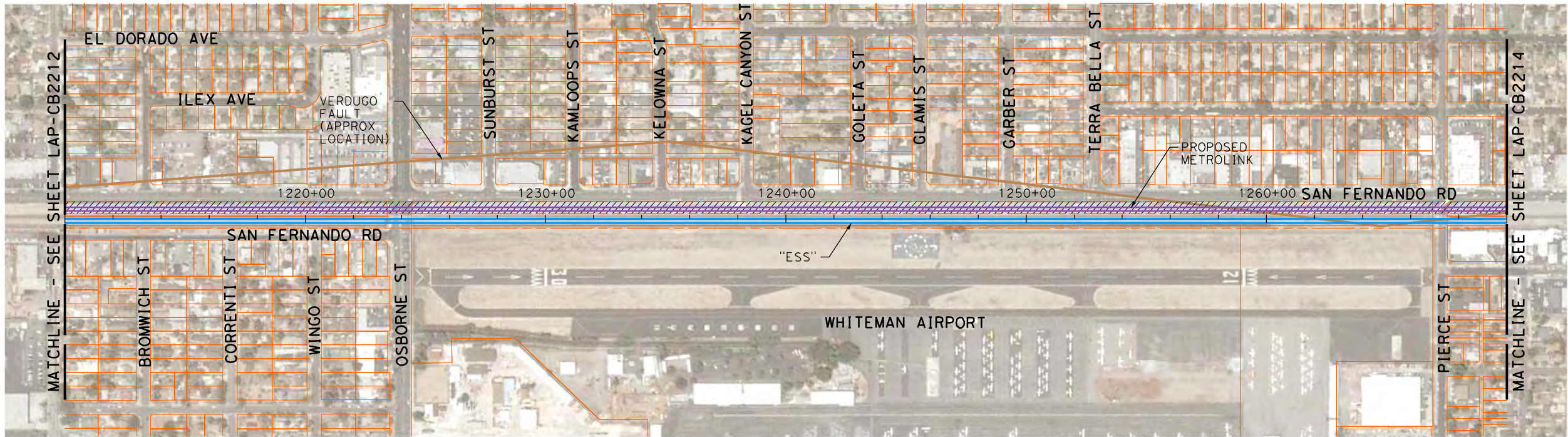
Hatch Mott MacDonald, URS, & Arup
A HIGH-SPEED RAIL JOINT VENTURE



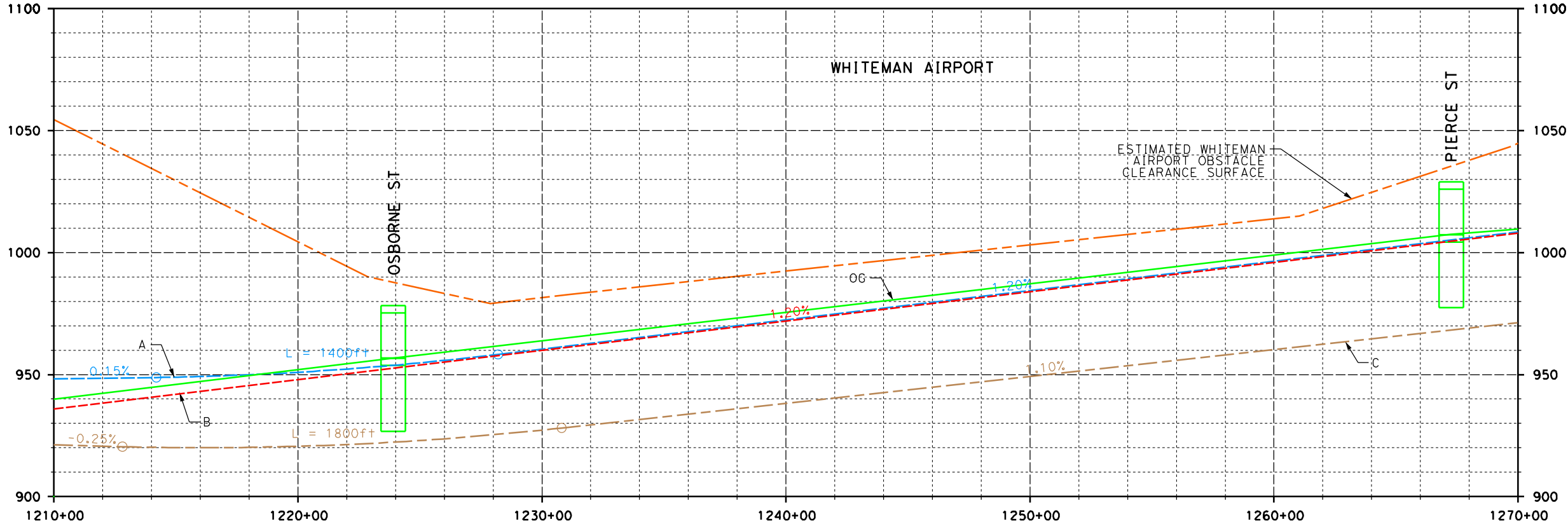
CALIFORNIA HIGH-SPEED RAIL AUTHORITY
FLY CALIFORNIA
Without ever leaving the ground.

**CALIFORNIA HIGH-SPEED TRAIN PROJECT
PALMDALE TO LOS ANGELES**
ALTERNATIVE ANALYSIS
SR-2 TO SYLMAR - "ESS"
PLAN AND PROFILE
STA 1150+00 TO STA 1210+00

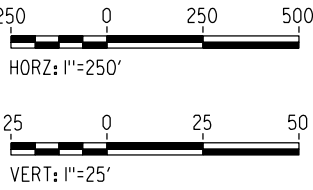
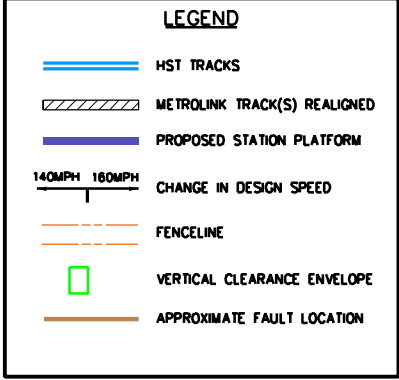
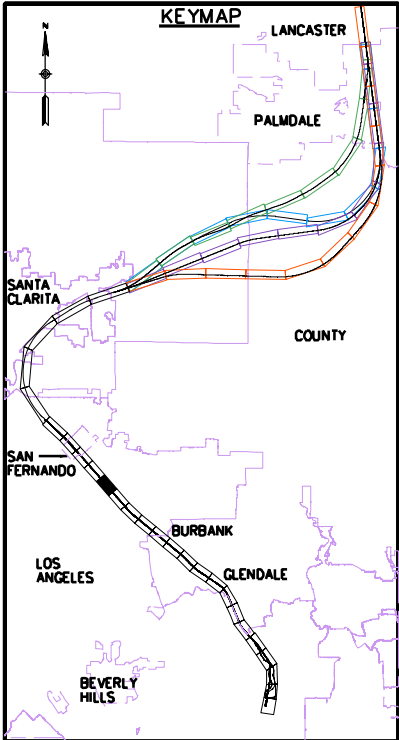
CONTRACT NO.
DRAWING NO. LAP-CB2212
SCALE AS SHOWN
SHEET NO. 12 OF 17



PLAN



PROFILE



james.reilly 2010-07-07 16:38:18 c:\pwworking\hmm\james.reilly\pup.com\dms03875\LAP-CB2213.dgn

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J. LANGHAM
DRAWN BY
J. REILLY
CHECKED BY
N. CARSTAIRS
IN CHARGE
R. HOLMQUIST
DATE
07/02/2010

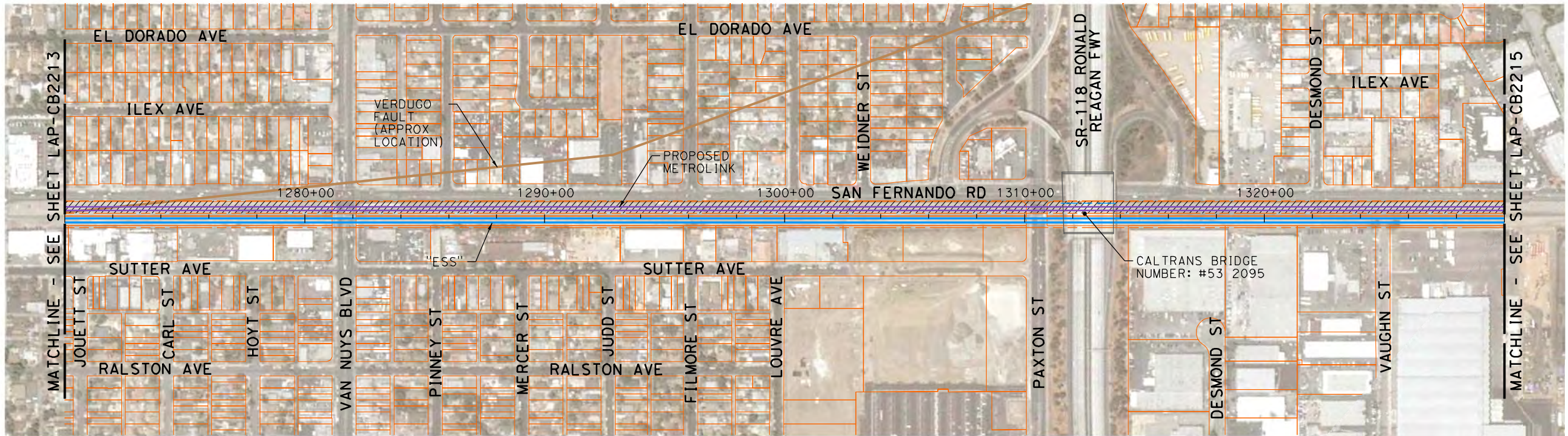


**CALIFORNIA HIGH-SPEED TRAIN PROJECT
PALMDALE TO LOS ANGELES**

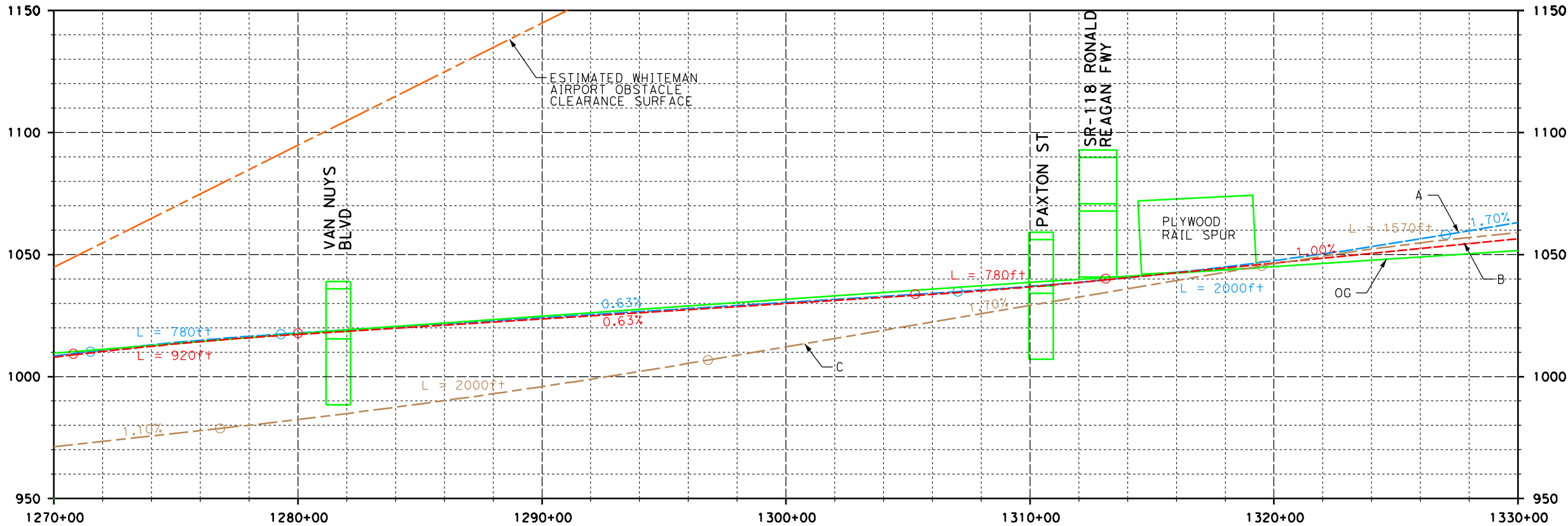
ALTERNATIVE ANALYSIS
SR-2 TO SYLMAR - "ESS"
PLAN AND PROFILE
STA 1210+00 TO 1270+00

CONTRACT NO.
DRAWING NO.
LAP-CB2213
SCALE
AS SHOWN
SHEET NO.
13 OF 17

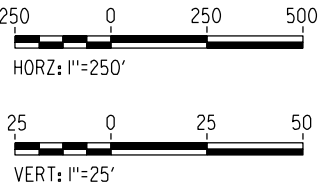
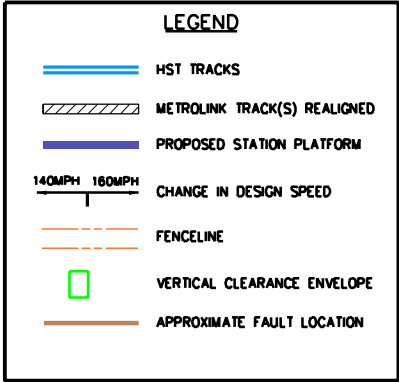
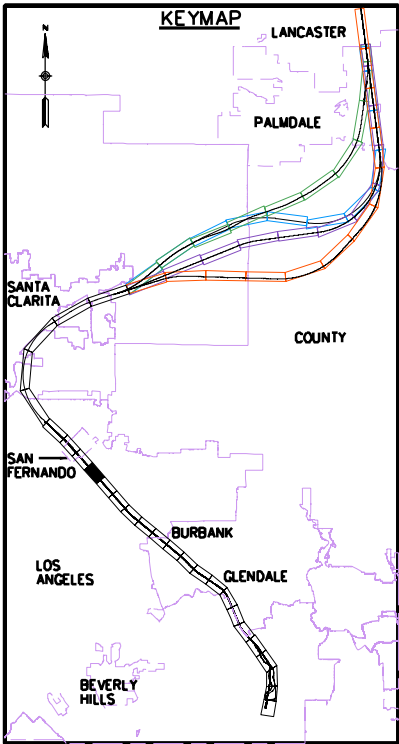
james.reilly 2010-07-07 16:39:34 c:\pwworking\hmm\james.reilly\arup.com\dms03875\LAP-CB2214.dgn



PLAN



PROFILE



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY J. LANGHAM
DRAWN BY B. BODIN
CHECKED BY N. CARSTAIRS
IN CHARGE R. HOLMQUIST
DATE 07/02/2010



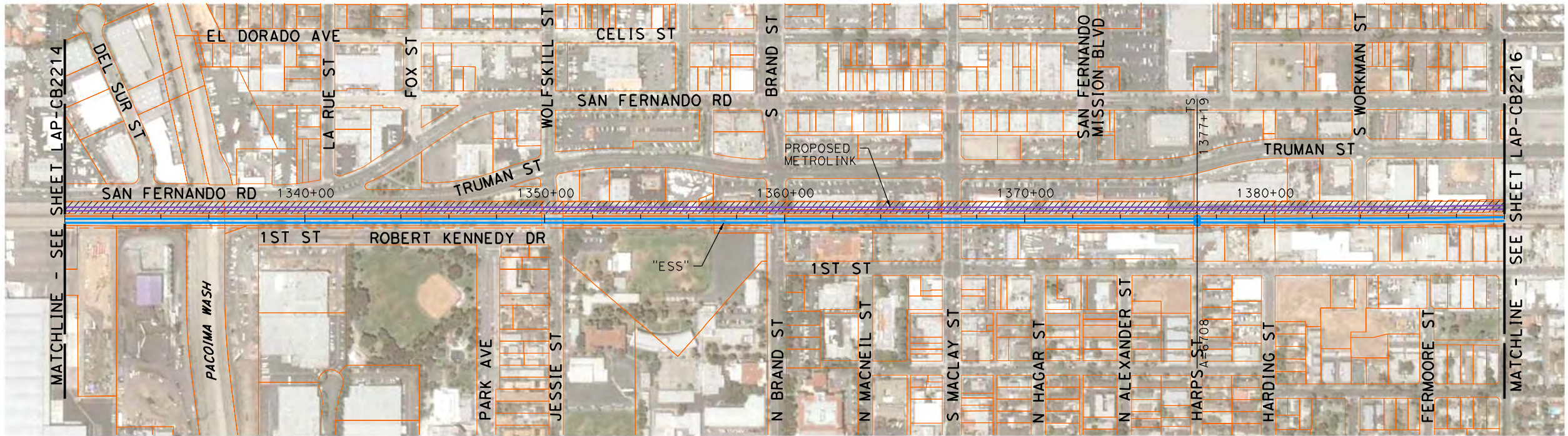
Hatch Mott MacDonald, URS, & Arup
A HIGH-SPEED RAIL JOINT VENTURE



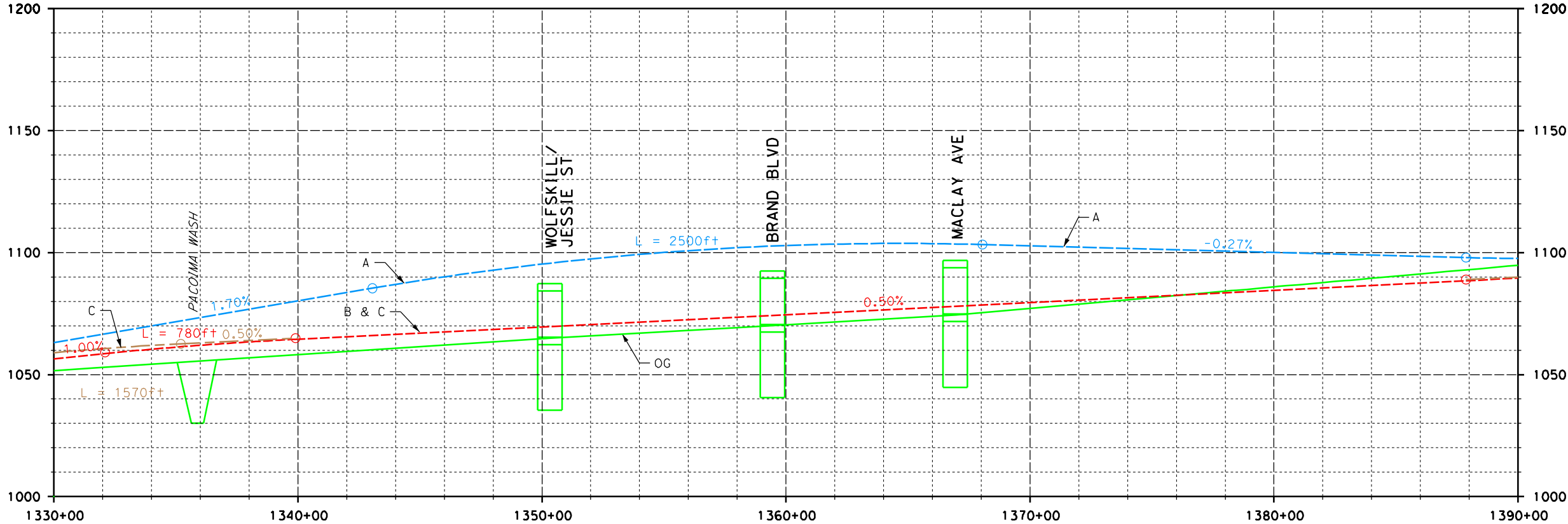
CALIFORNIA HIGH-SPEED RAIL AUTHORITY
FLY CALIFORNIA
Without ever leaving the ground.

**CALIFORNIA HIGH-SPEED TRAIN PROJECT
PALMDALE TO LOS ANGELES**
ALTERNATIVE ANALYSIS
SR-2 TO SYLMAR - "ESS"
PLAN AND PROFILE
STA 1270+00 TO 1330+00

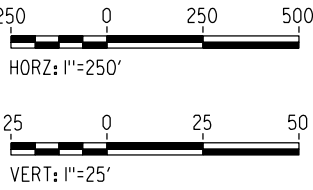
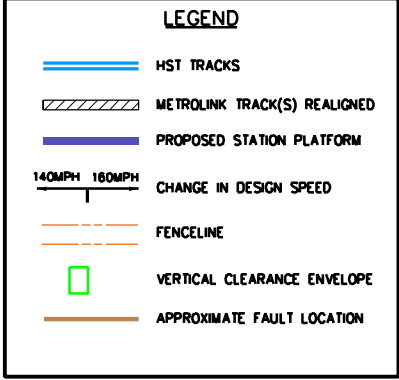
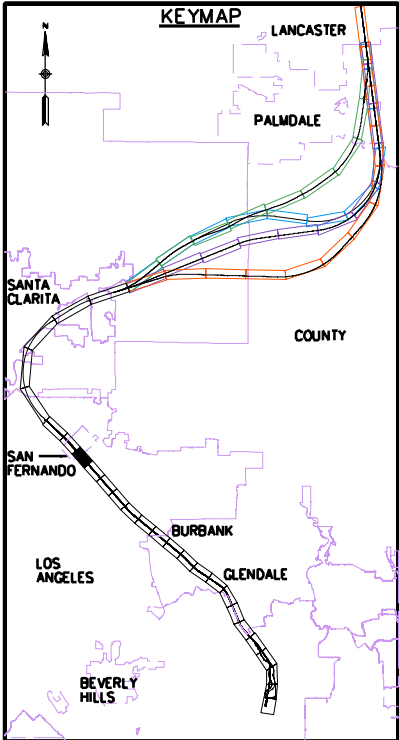
CONTRACT NO.
DRAWING NO. LAP-CB2214
SCALE AS SHOWN
SHEET NO. 14 OF 17



PLAN



PROFILE



james.reilly 2010-07-07 16:40:34 c:\pwworking\hmm\james.reilly\dgn\cb2215.dgn

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J. LANGHAM
DRAWN BY
B. BODIN
CHECKED BY
N. CARSTAIRS
IN CHARGE
R. HOLMQUIST
DATE
07/02/2010



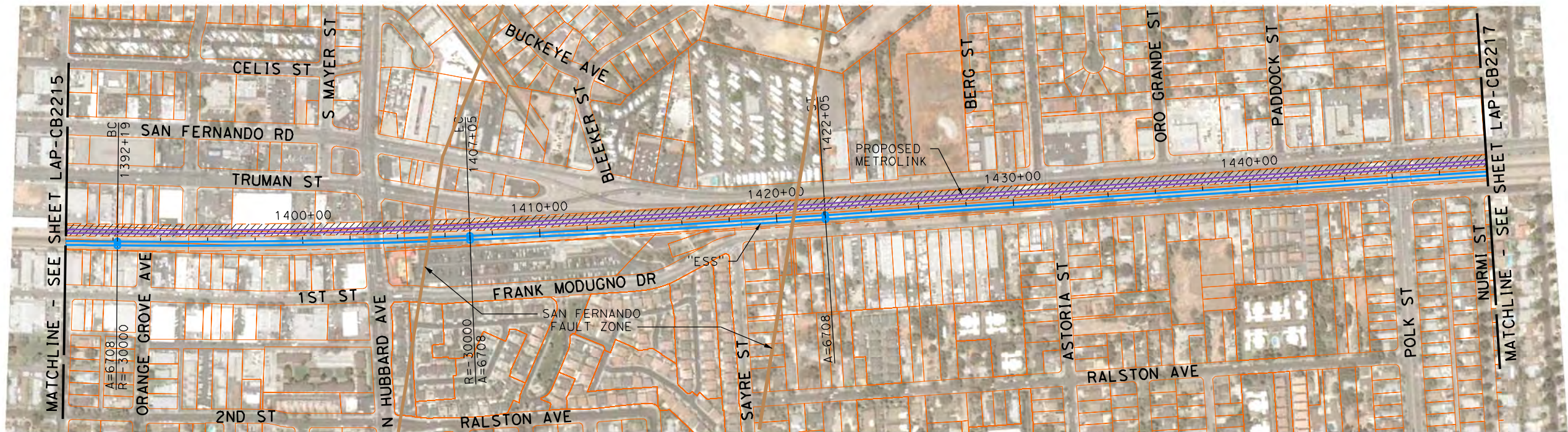
Hatch Mott MacDonald, URS, & Arup
A HIGH-SPEED RAIL JOINT VENTURE



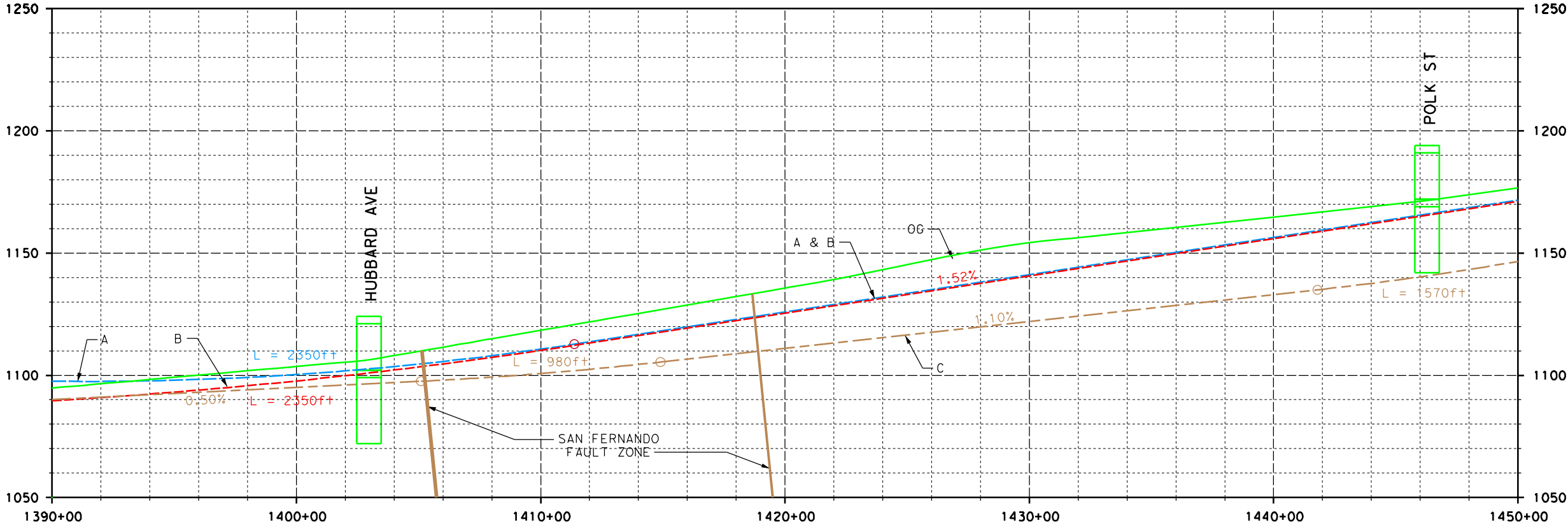
**CALIFORNIA HIGH-SPEED TRAIN PROJECT
PALMDALE TO LOS ANGELES**

ALTERNATIVE ANALYSIS
SR-2 TO SYLMAR - "ESS"
PLAN AND PROFILE
STA 1330+00 TO 1390+00

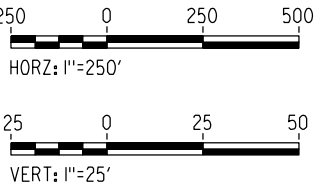
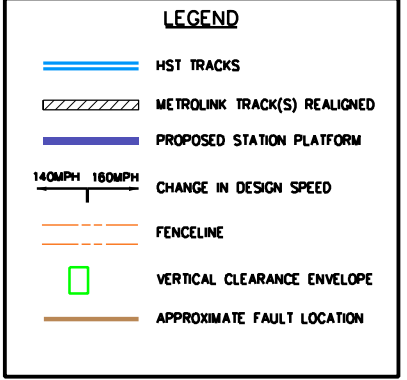
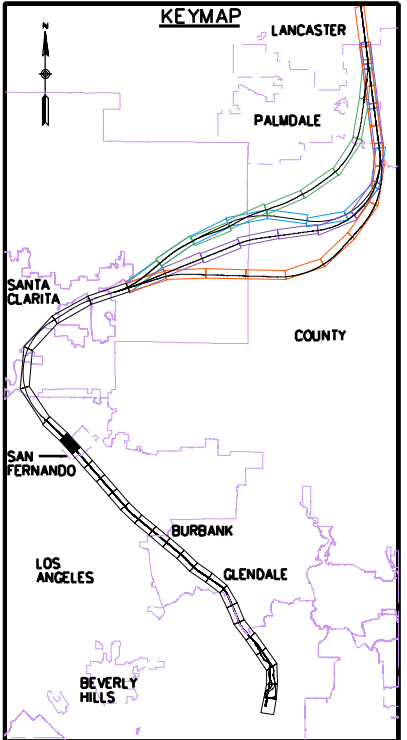
CONTRACT NO.
DRAWING NO.
LAP-CB2215
SCALE
AS SHOWN
SHEET NO.
15 OF 17



PLAN



PROFILE



james.reilly 2010-07-07 16:41:32 c:\pwworking\hmm\james.reilly\p00\up.com\dms03875\LAP-CB2216.dgn

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J. LANGHAM
DRAWN BY
B. BODIN
CHECKED BY
N. CARSTAIRS
IN CHARGE
R. HOLMQUIST
DATE
07/02/2010

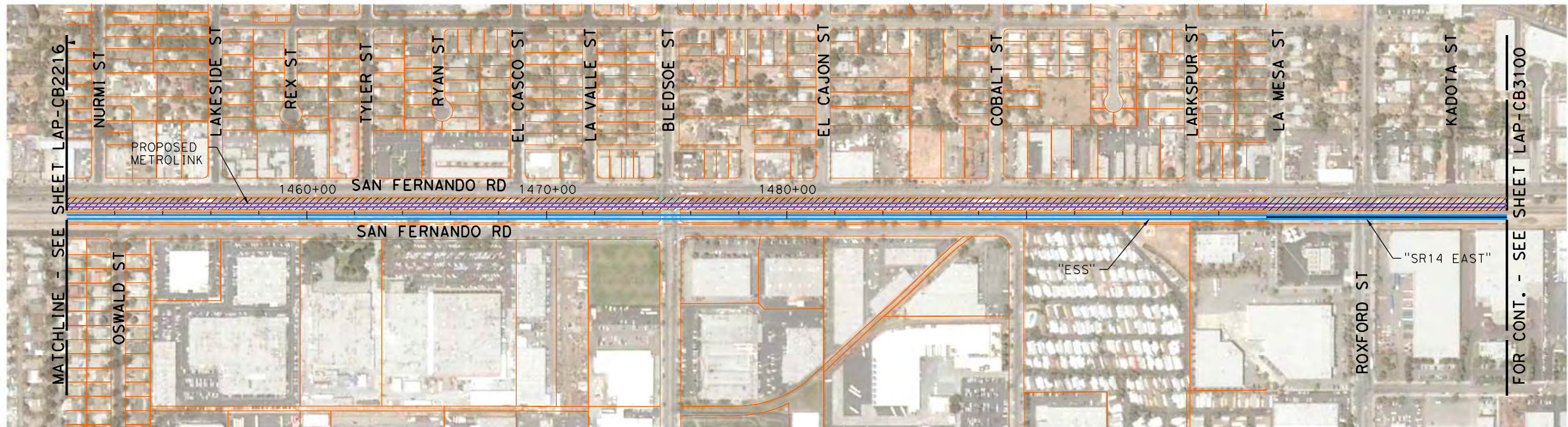


Hatch Mott MacDonald, URS, & Arup
A HIGH-SPEED RAIL JOINT VENTURE

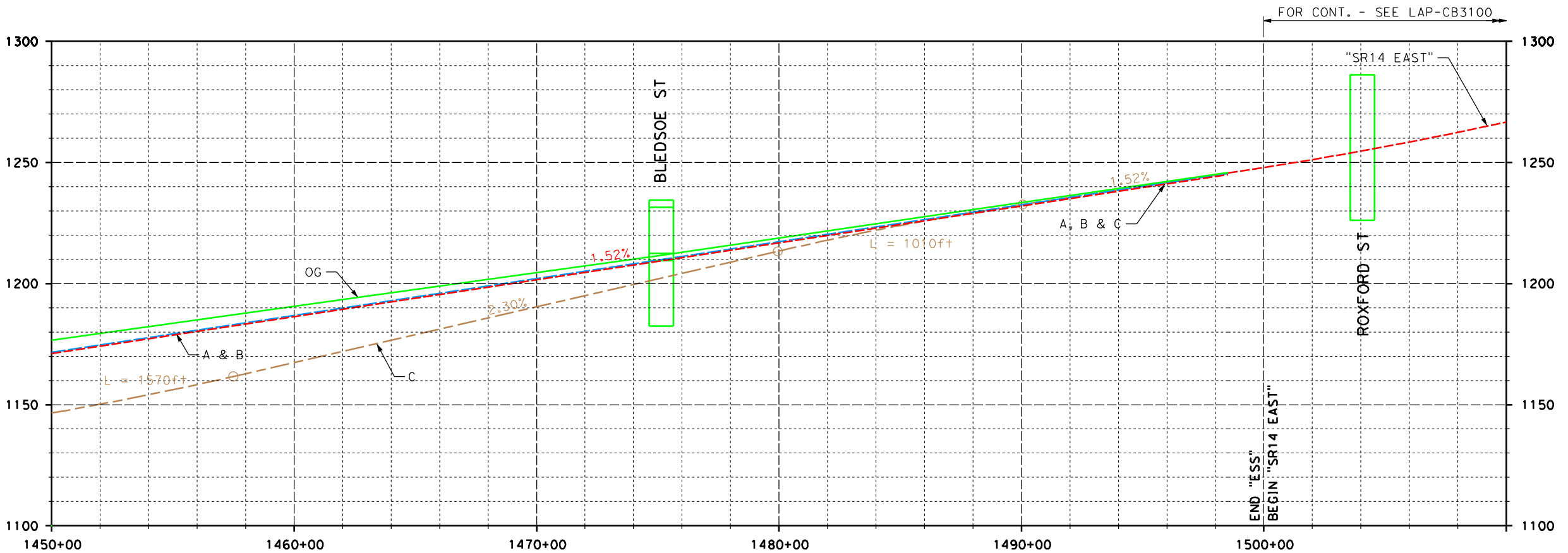


**CALIFORNIA HIGH-SPEED TRAIN PROJECT
PALMDALE TO LOS ANGELES**
ALTERNATIVE ANALYSIS
SR-2 TO SYLMAR - "ESS"
PLAN AND PROFILE
STA 1390+00 TO 1450+00

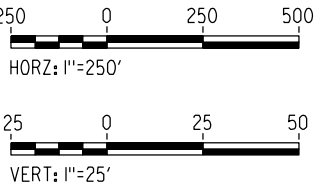
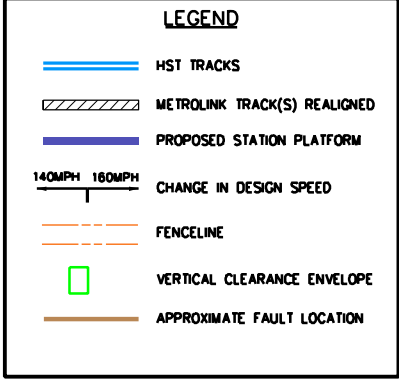
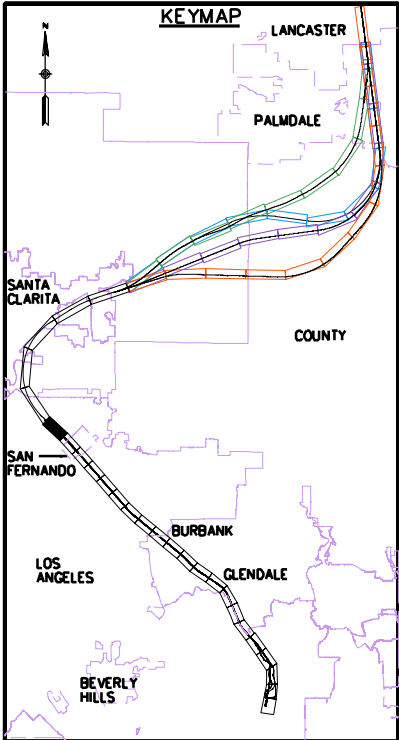
CONTRACT NO.
DRAWING NO.
LAP-CB2216
SCALE
AS SHOWN
SHEET NO.
16 OF 17



PLAN



PROFILE



james.reilly 2010-07-07 16:42:28 c:\pwworking\hmm\james.reilly\pup.com\dms03875\LAP-CB2217.dgn

REV	DATE	BY	CHK	APP	DESCRIPTION

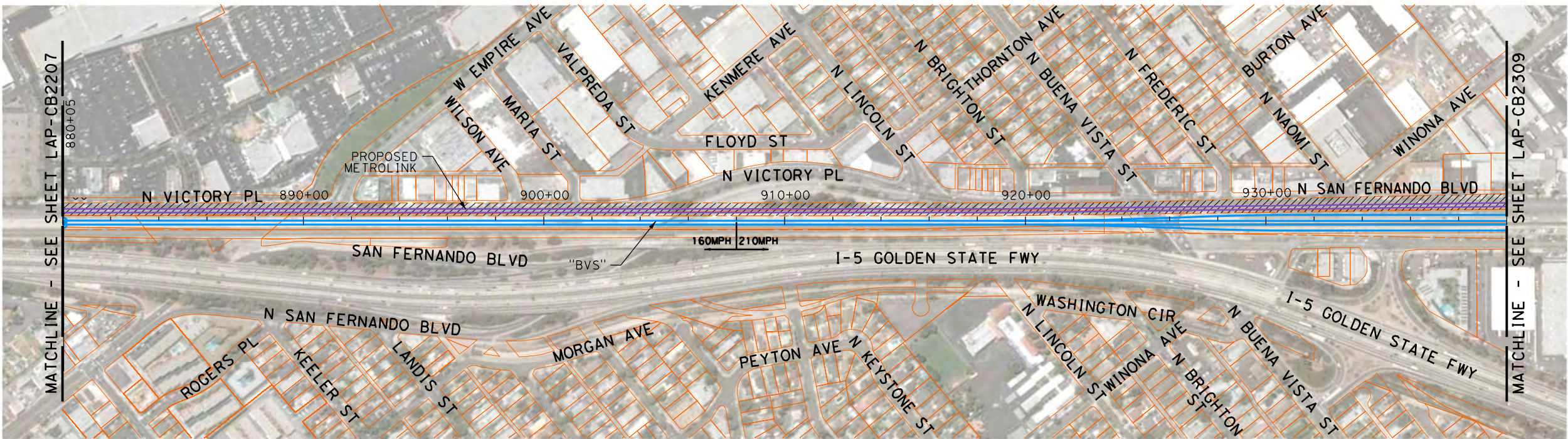
DESIGNED BY J. LANGHAM
DRAWN BY B. BODIN
CHECKED BY N. CARSTAIRS
IN CHARGE R. HOLMQUIST
DATE 07/02/2010



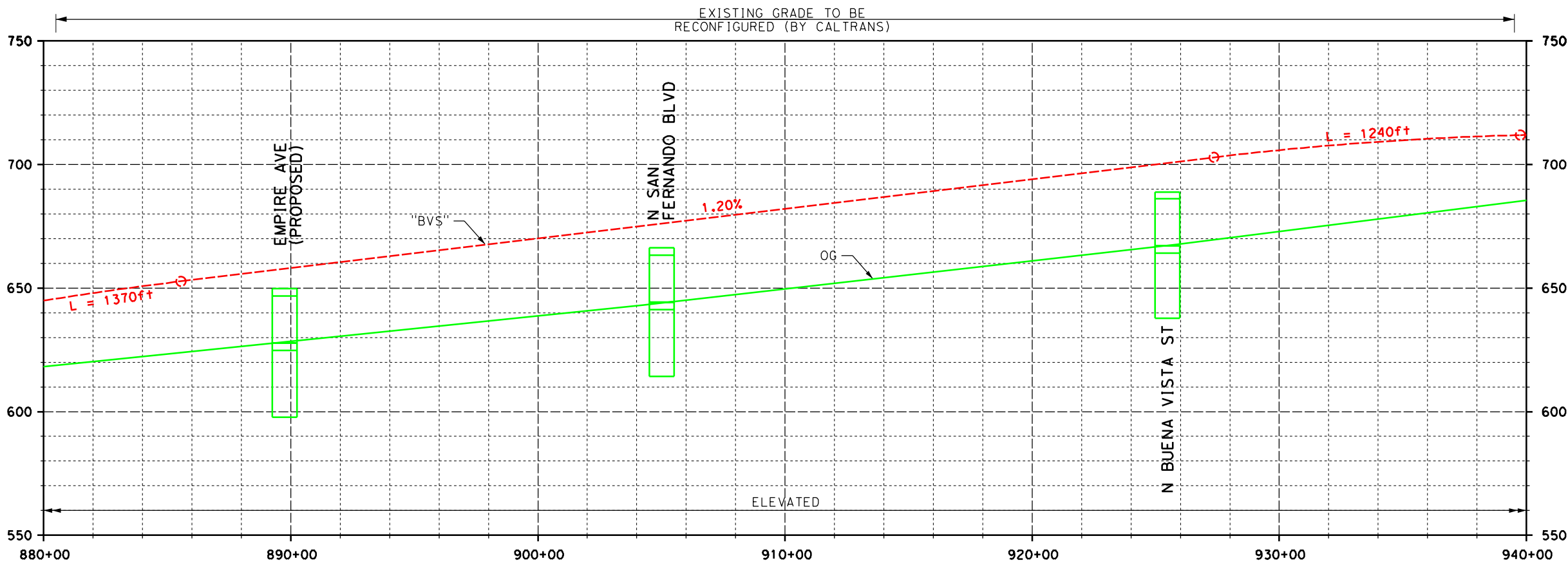
**CALIFORNIA HIGH-SPEED TRAIN PROJECT
PALMDALE TO LOS ANGELES**
ALTERNATIVE ANALYSIS
SR-2 TO SYLMAR - "ESS"
PLAN AND PROFILE
STA 1450+00 TO 1500+00

CONTRACT NO.
DRAWING NO. LAP-CB2217
SCALE AS SHOWN
SHEET NO. 17 OF 17

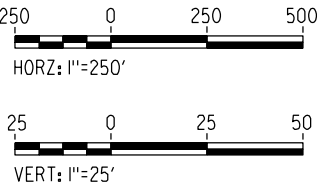
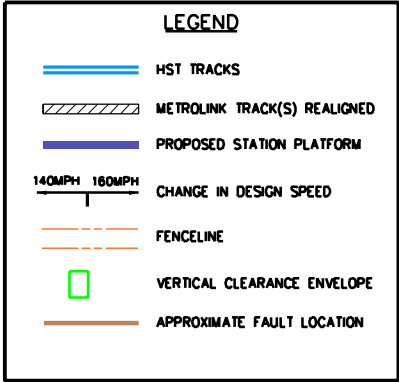
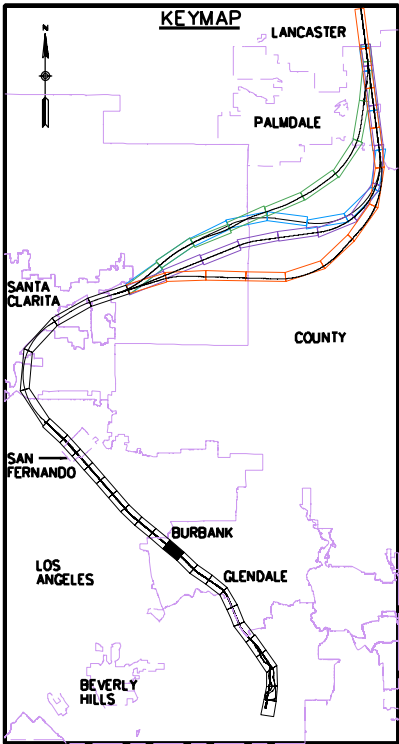
james.reilly 2010-07-07 16:43:39 c:\pwworking\hmm\james.reilly\pup.com\dms03875\LAP-CB2308.dgn



PLAN



PROFILE



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY G. MEJIA
DRAWN BY J. REILLY
CHECKED BY N. CARSTAIRS
IN CHARGE R. HOLMQUIST
DATE 07/02/2010



Hatch Mott MacDonald, URS, & Arup
A HIGH-SPEED RAIL JOINT VENTURE

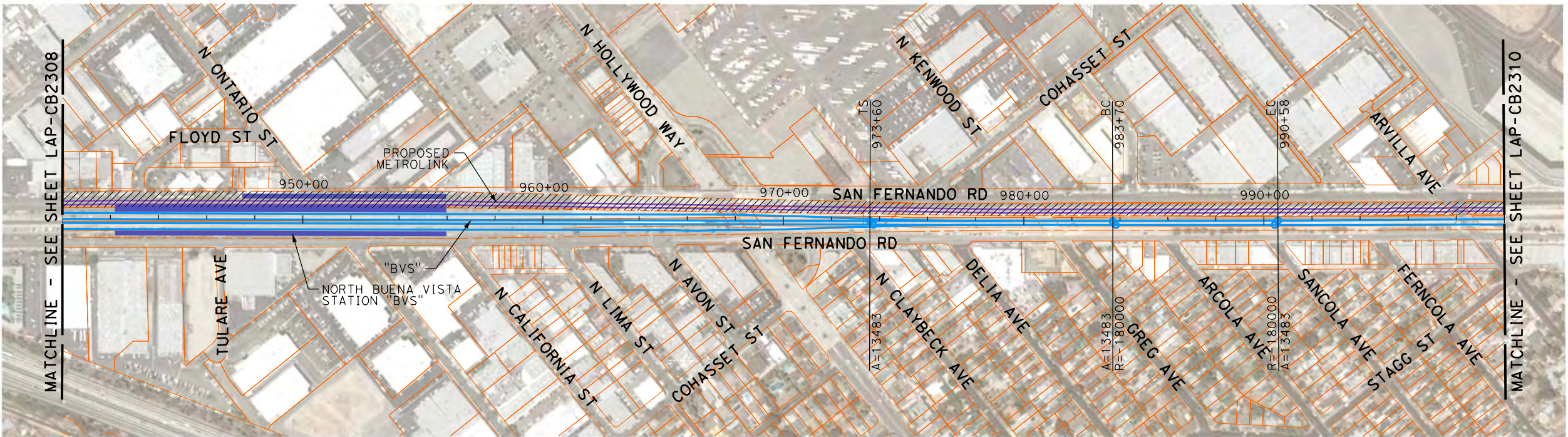


CALIFORNIA HIGH-SPEED RAIL AUTHORITY

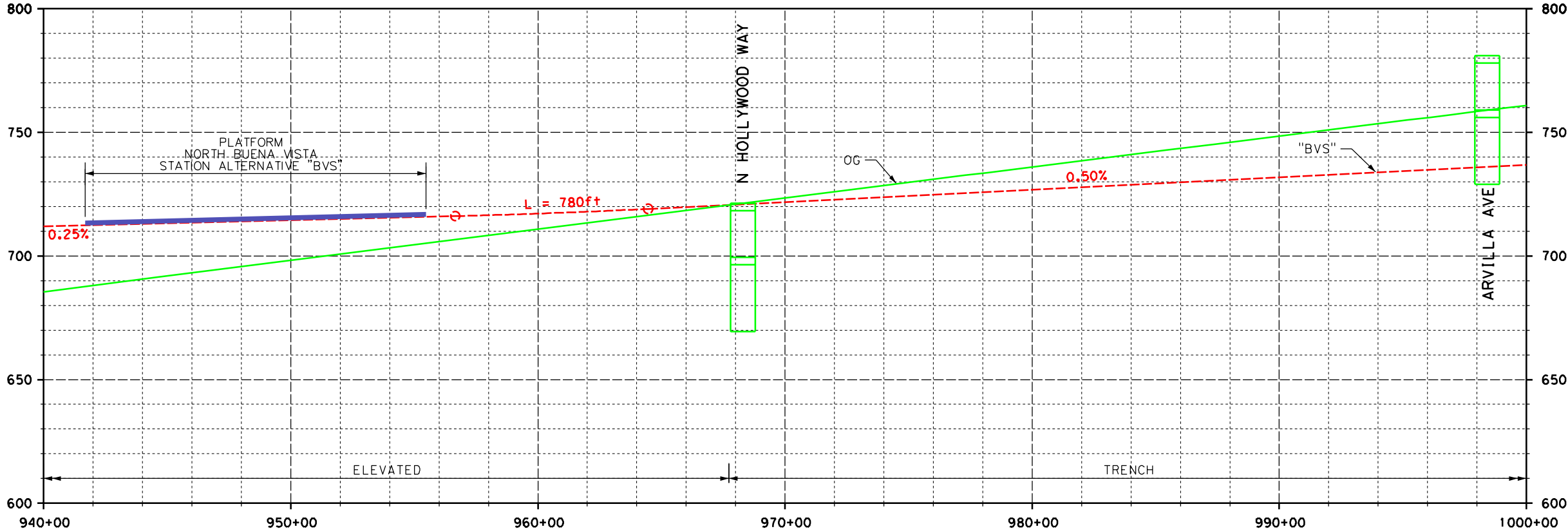
**CALIFORNIA HIGH-SPEED TRAIN PROJECT
PALMDALE TO LOS ANGELES**

ALTERNATIVE ANALYSIS
BURBANK BUENA VISTA STATION ALTERNATIVE- "BVS"
PLAN AND PROFILE
STA 880+00 TO 940+00

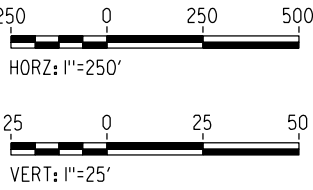
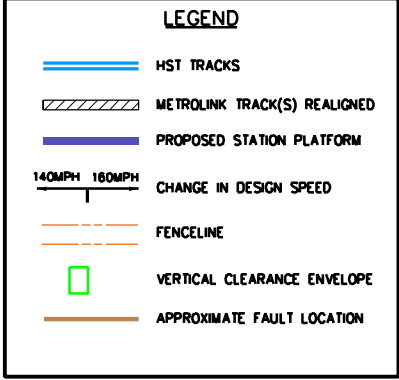
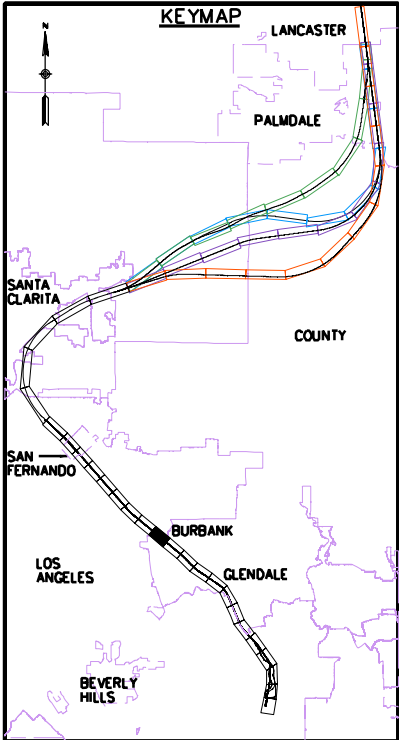
CONTRACT NO.
DRAWING NO. LAP-CB2308
SCALE AS SHOWN
SHEET NO. 1 OF 3



PLAN



PROFILE



james.reilly 2010-07-07 16:44:11 c:\pwworking\hmm\james.reilly\pup.com\dms03875\LAP-CB2309.dgn

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY G. MEJIA
DRAWN BY J. REILLY
CHECKED BY N. CARSTAIRS
IN CHARGE R. HOLMQUIST
DATE 07/02/2010



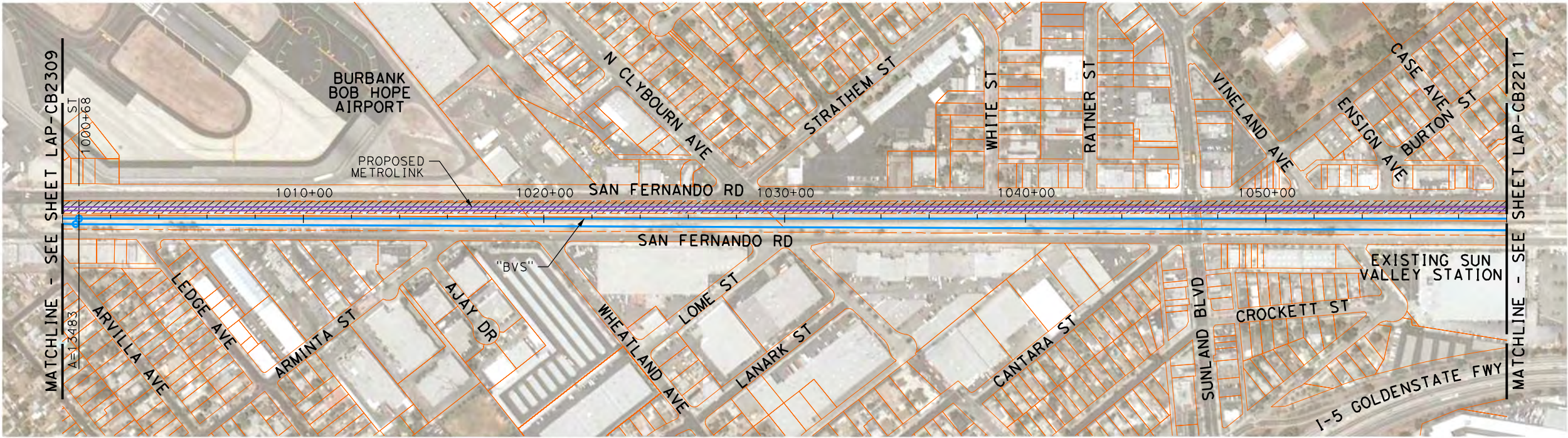
Hatch Mott MacDonald, URS, & Arup
A HIGH-SPEED RAIL JOINT VENTURE



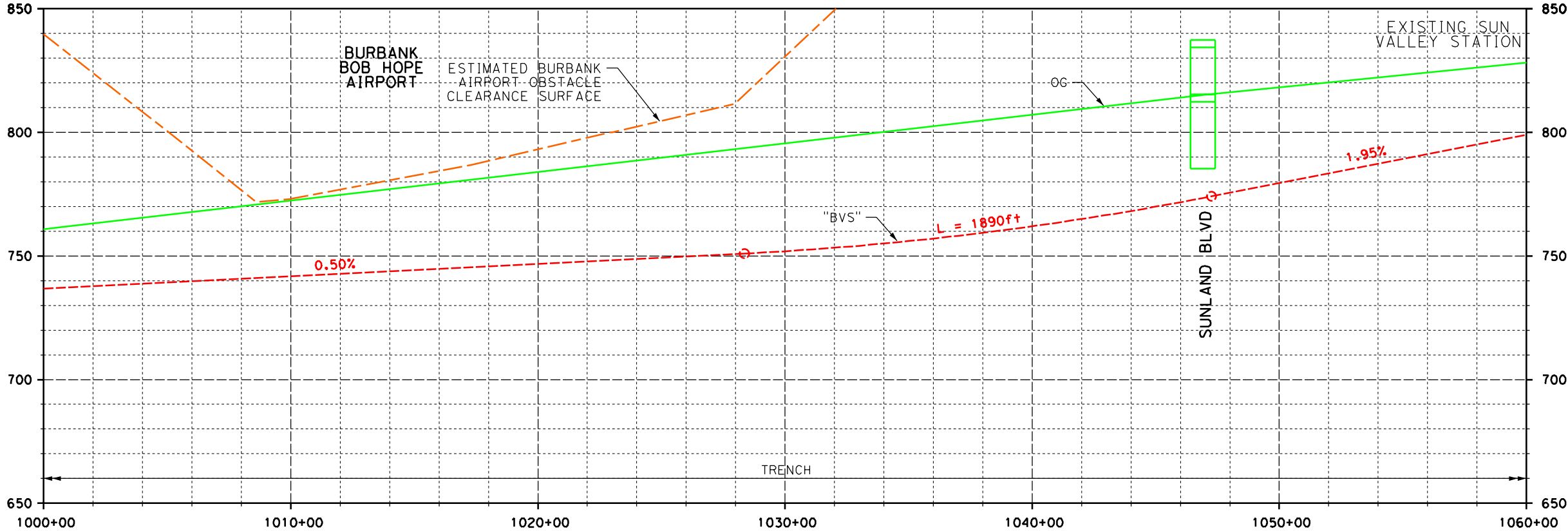
CALIFORNIA HIGH-SPEED RAIL AUTHORITY
FLY CALIFORNIA
Without ever leaving the ground.

**CALIFORNIA HIGH-SPEED TRAIN PROJECT
PALMDALE TO LOS ANGELES**
ALTERNATIVE ANALYSIS
BURBANK BUENA VISTA STATION ALTERNATIVE- "BVS"
PLAN AND PROFILE
STA 940+00 TO 1000+00

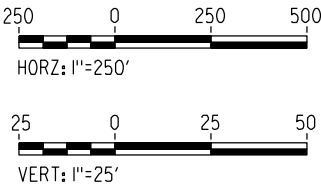
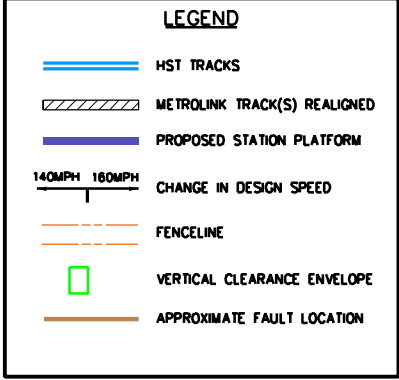
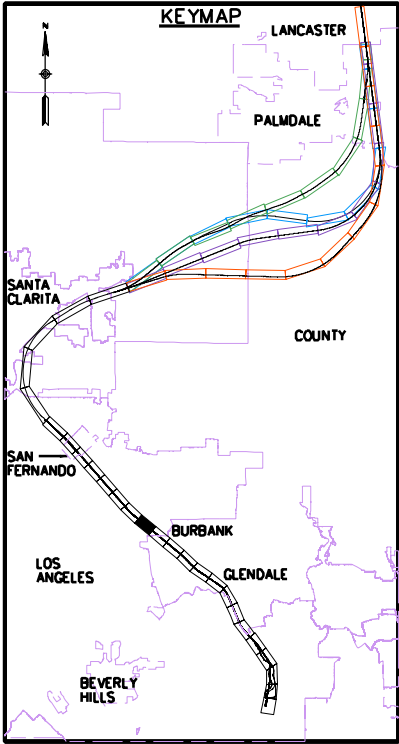
CONTRACT NO.
DRAWING NO. LAP-CB2309
SCALE AS SHOWN
SHEET NO. 2 OF 3



PLAN



PROFILE



james.reilly 2010-07-07 16:45:03 c:\pwworking\hmm\james.reilly\dgn\cb2310.dgn

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY G. MEJIA
DRAWN BY J. REILLY
CHECKED BY N. CARSTAIRS
IN CHARGE R. HOLMQUIST
DATE 07/02/2010



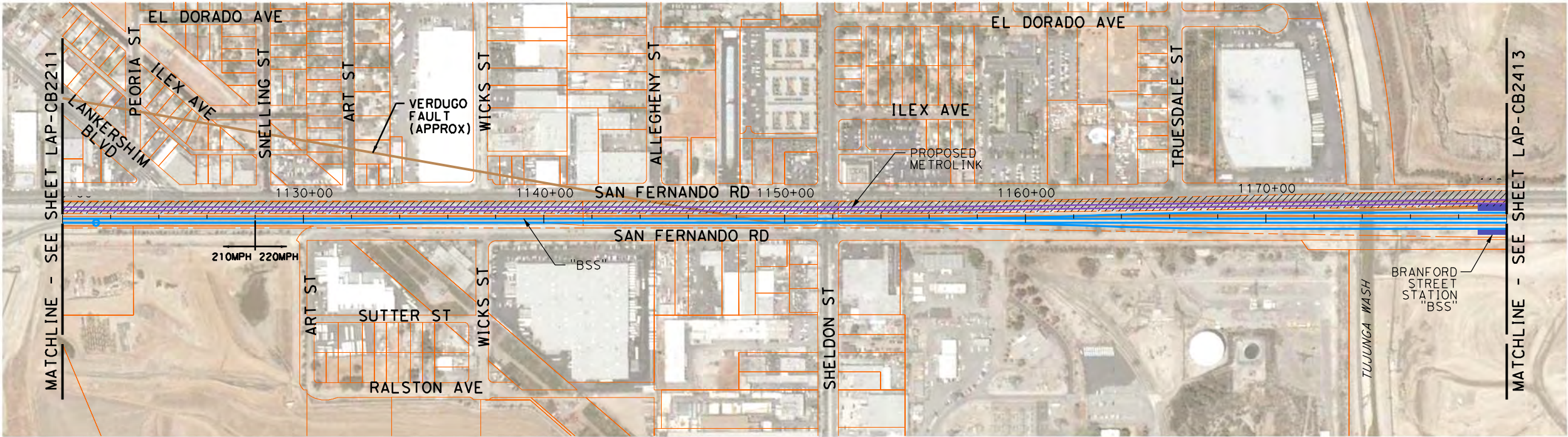
Hatch Mott MacDonald, URS, & Arup
A HIGH-SPEED RAIL JOINT VENTURE



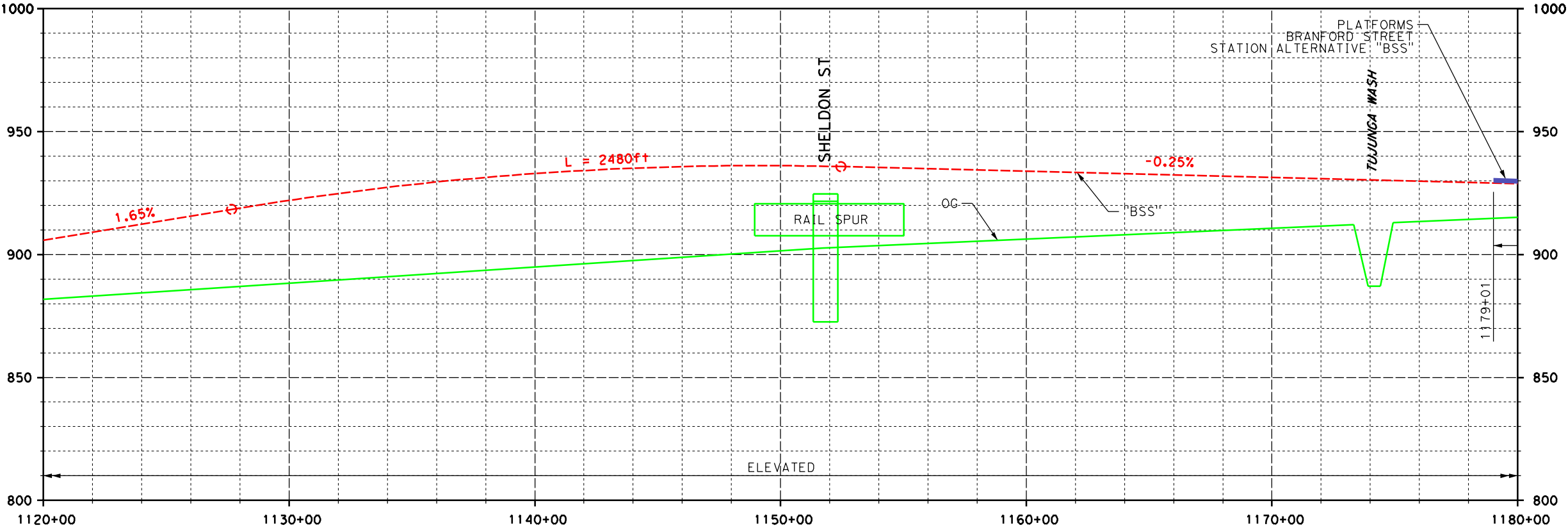
CALIFORNIA HIGH-SPEED RAIL AUTHORITY
FLY CALIFORNIA
Without ever leaving the ground.

**CALIFORNIA HIGH-SPEED TRAIN PROJECT
PALMDALE TO LOS ANGELES**
ALTERNATIVE ANALYSIS
BURBANK BUENA VISTA STATION ALTERNATIVE- "BVS"
PLAN AND PROFILE
STA 1000+00 TO 1060+00

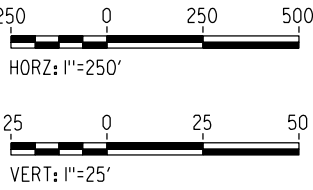
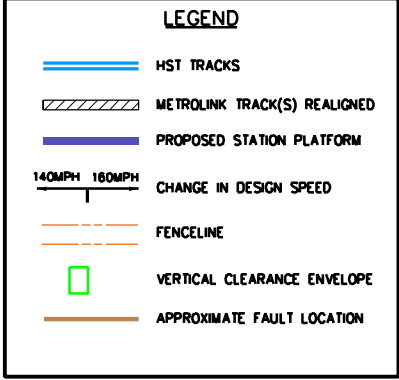
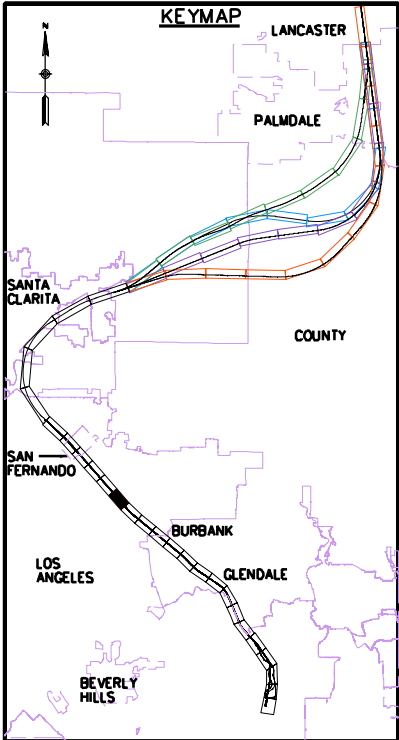
CONTRACT NO.
DRAWING NO. LAP-CB2310
SCALE AS SHOWN
SHEET NO. 3 OF 3



PLAN



PROFILE



james.reilly 2010-07-07 16:45:50 c:\pwworking\hmm\james.reilly\dgn\cb2412.dgn

REV	DATE	BY	CHK	APP	DESCRIPTION

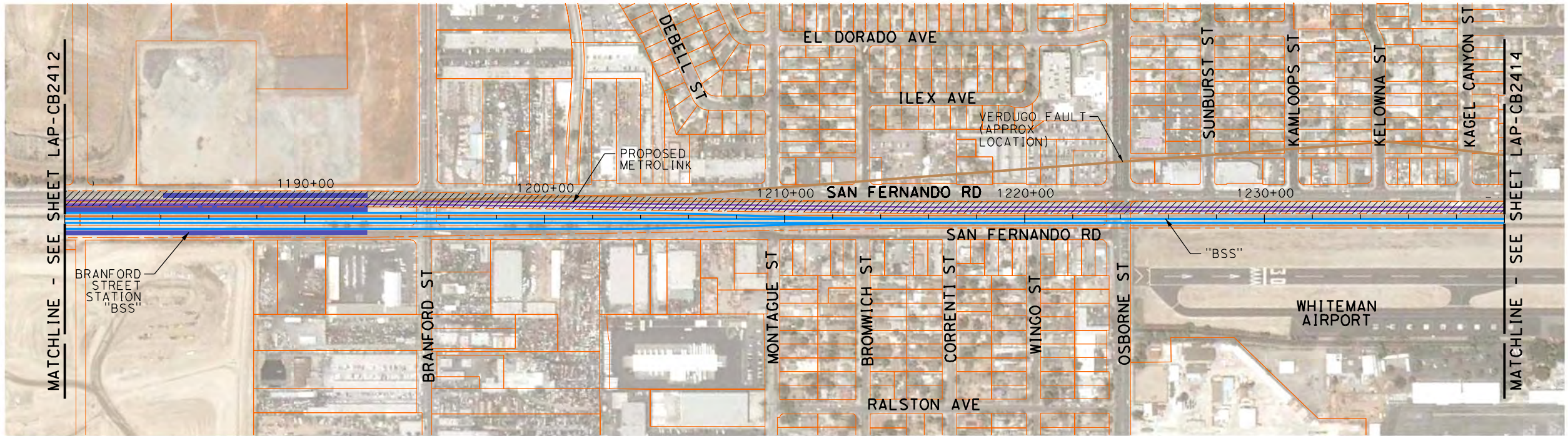
DESIGNED BY G. MEJIA
DRAWN BY J. REILLY
CHECKED BY N. CARSTAIRS
IN CHARGE R. HOLMQUIST
DATE 07/02/2010



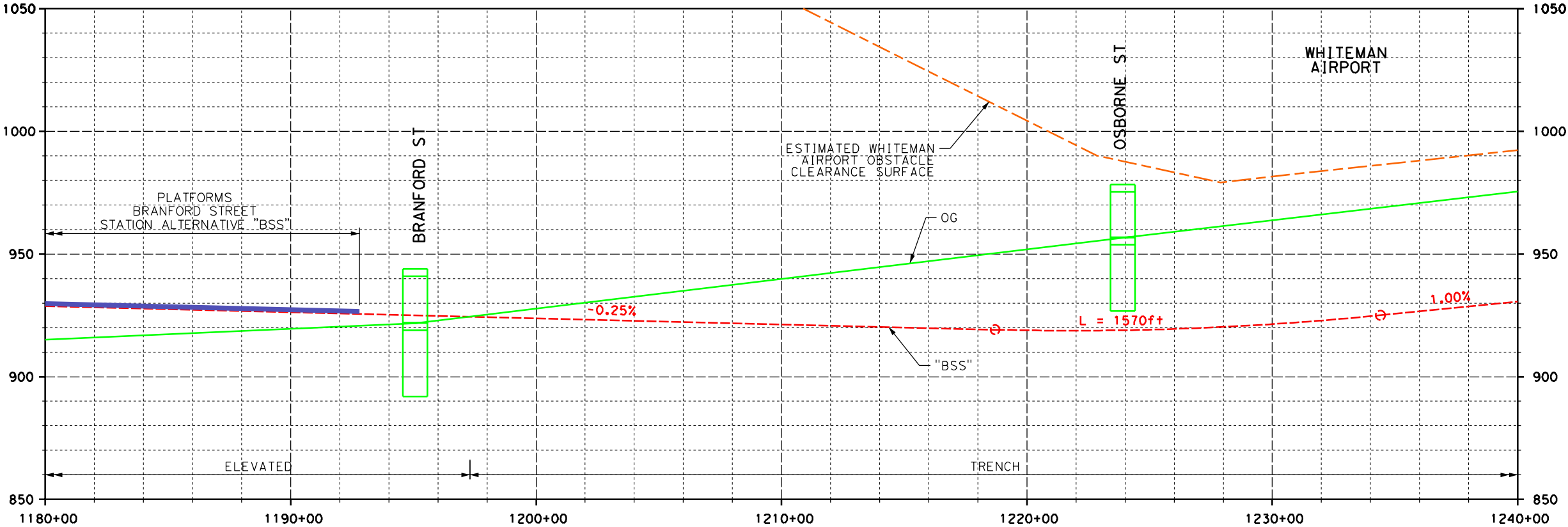
**CALIFORNIA HIGH-SPEED TRAIN PROJECT
PALMDALE TO LOS ANGELES**

ALTERNATIVE ANALYSIS
SR-2 TO SYLMAR - "BSS"
PLAN AND PROFILE
STA 1120+00 TO 1180+00

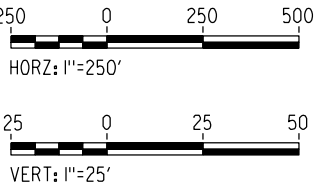
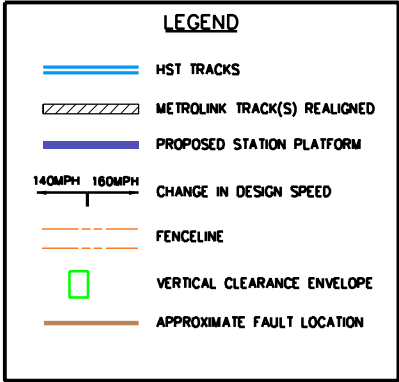
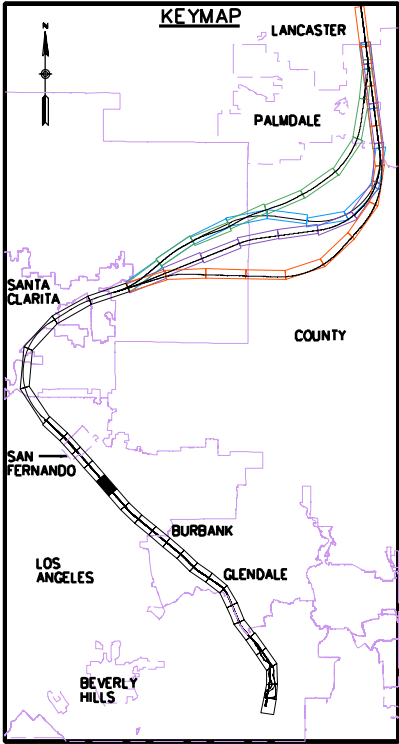
CONTRACT NO.
DRAWING NO. LAP-CB2412
SCALE AS SHOWN
SHEET NO. 1 OF 3



PLAN



PROFILE



james.reilly 2010-07-07 16:46:25 c:\pwworking\hmm\james.reilly\up.com\dms03875\LAP-CB2413.dgn

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY G. MEJIA
DRAWN BY J. REILLY
CHECKED BY N. CARSTAIRS
IN CHARGE R. HOLMQUIST
DATE 07/02/2010



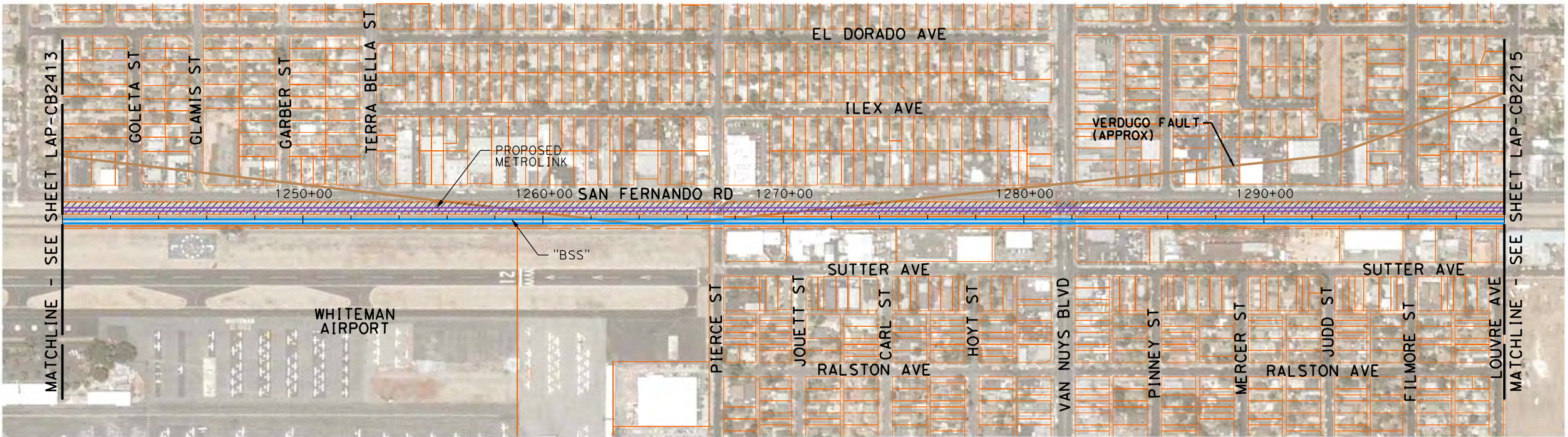
Hatch Mott MacDonald, URS, & Arup
A HIGH-SPEED RAIL JOINT VENTURE



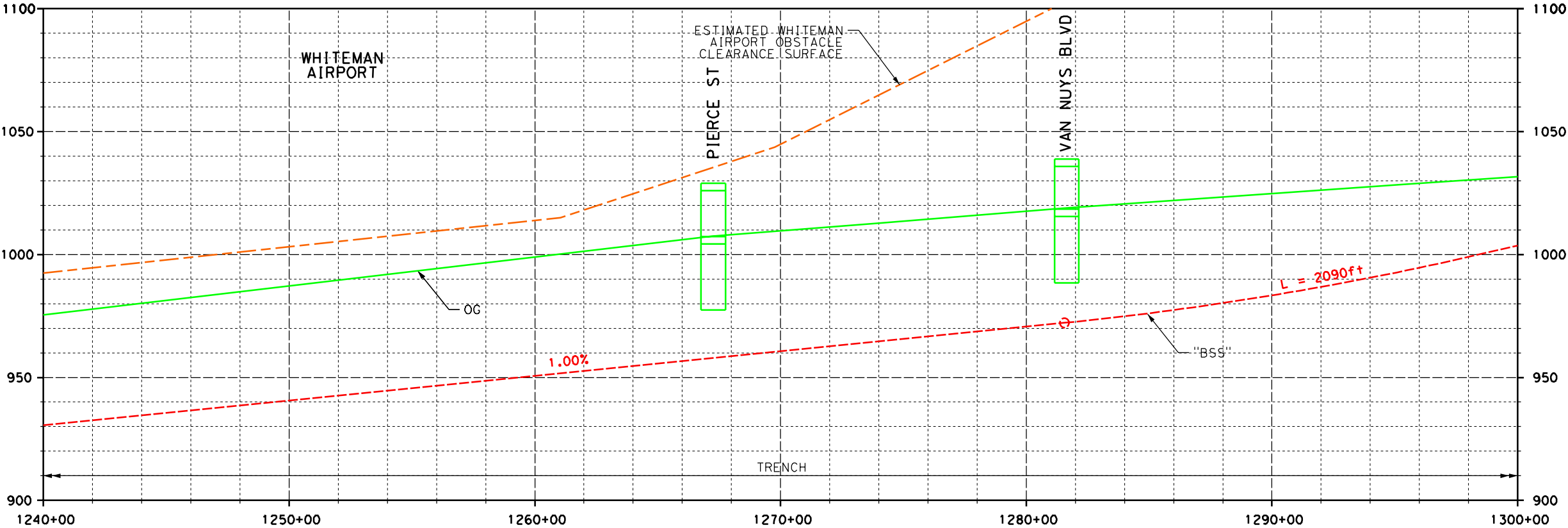
CALIFORNIA HIGH-SPEED RAIL AUTHORITY
FLY CALIFORNIA
Without ever leaving the ground.

**CALIFORNIA HIGH-SPEED TRAIN PROJECT
PALMDALE TO LOS ANGELES**
ALTERNATIVE ANALYSIS
SR-2 TO SYLMAR - "BSS"
PLAN AND PROFILE
STA 1180+00 TO 1240+00

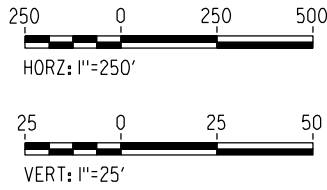
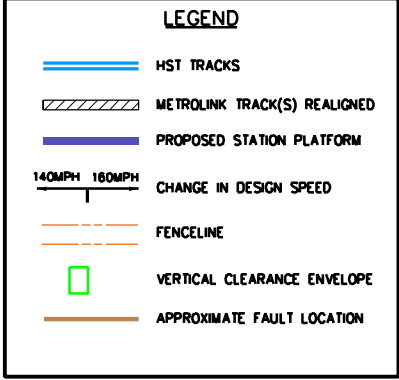
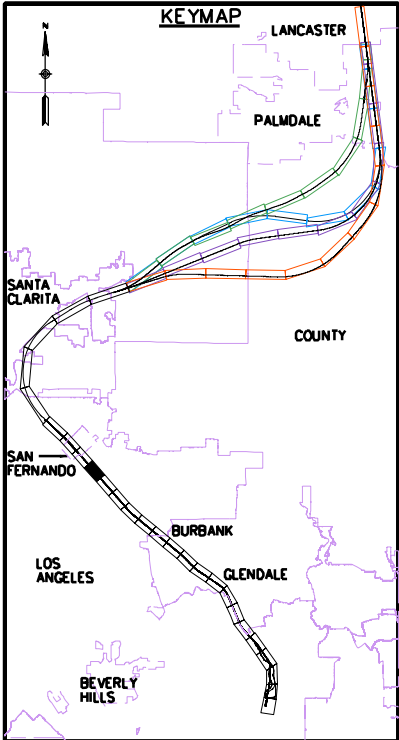
CONTRACT NO.
DRAWING NO. LAP-CB2413
SCALE AS SHOWN
SHEET NO. 2 OF 3



PLAN



PROFILE



james.reilly 2010-07-07 16:46:58 c:\pwworking\hmm\james.reilly\pup.com\dms03875\LAP-CB2414.dgn

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY G. MEJIA
DRAWN BY B. BODIN
CHECKED BY N. CARSTAIRS
IN CHARGE R. HOLMQUIST
DATE 07/02/2010



Hatch Mott MacDonald, URS, & ARUP
A HIGH-SPEED RAIL JOINT VENTURE



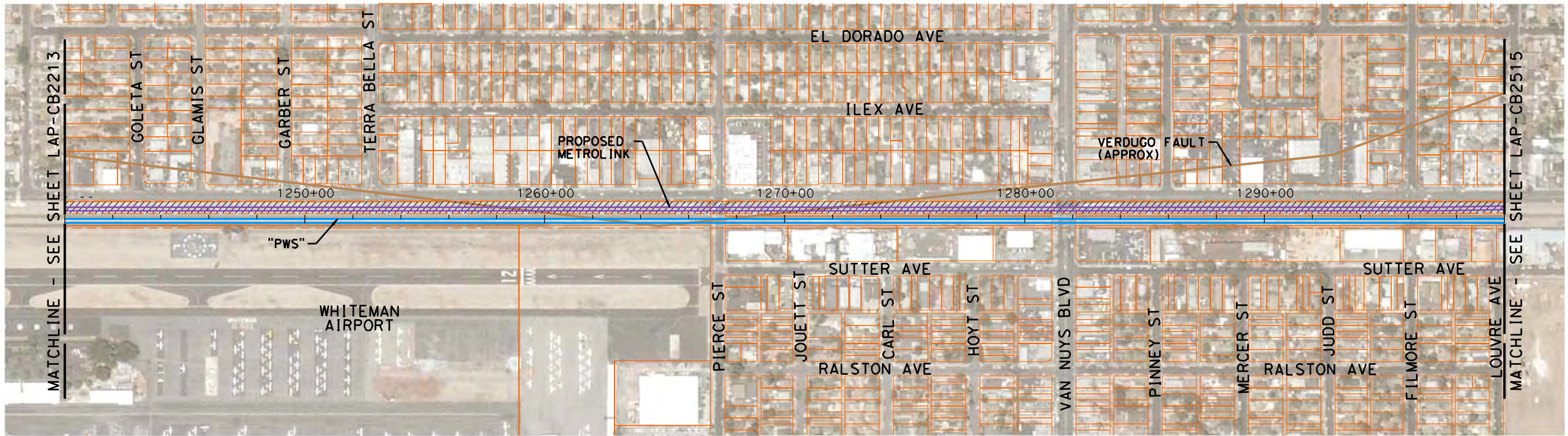
CALIFORNIA HIGH-SPEED RAIL AUTHORITY
FLY CALIFORNIA
Without ever leaving the ground.

**CALIFORNIA HIGH-SPEED TRAIN PROJECT
PALMDALE TO LOS ANGELES**

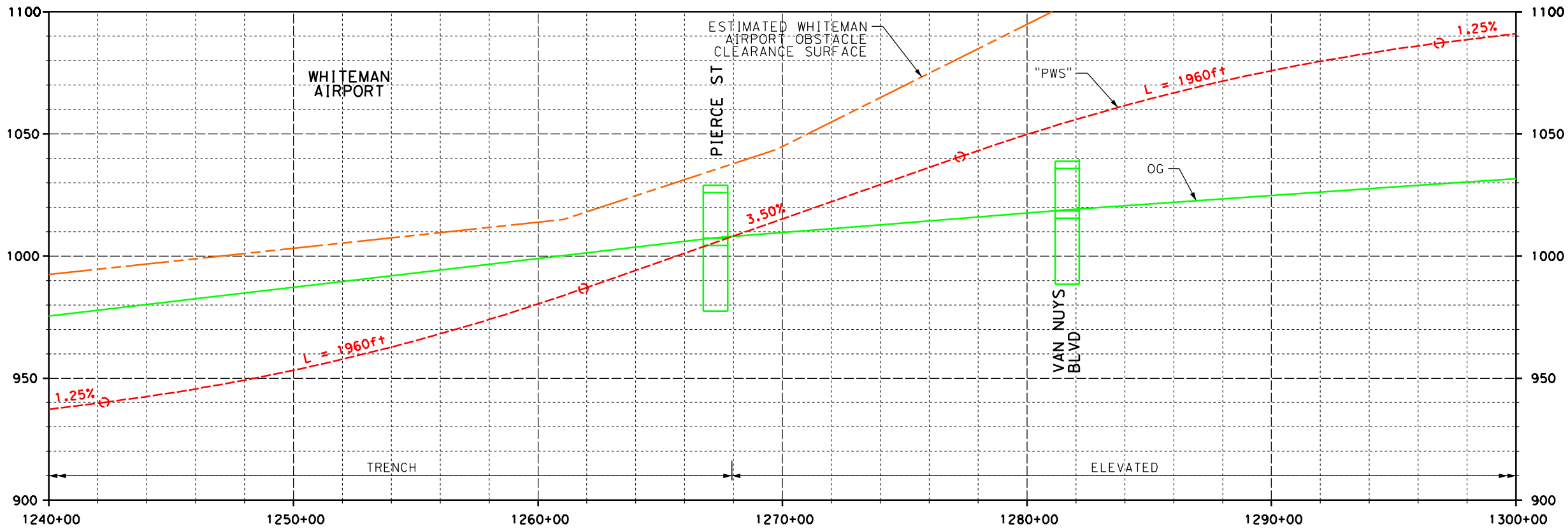
ALTERNATIVE ANALYSIS
SR-2 TO SYLMAR - "BSS"
PLAN AND PROFILE
STA 1240+00 TO 1300+00

CONTRACT NO.
DRAWING NO. LAP-CB2414
SCALE AS SHOWN
SHEET NO. 3 OF 3

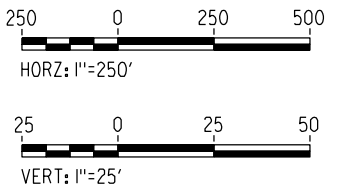
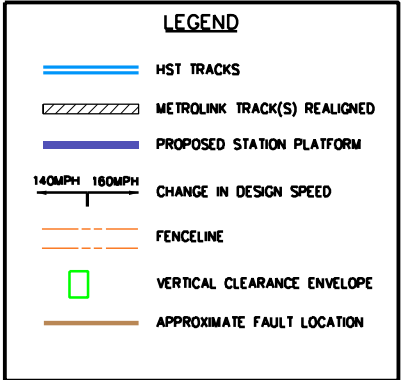
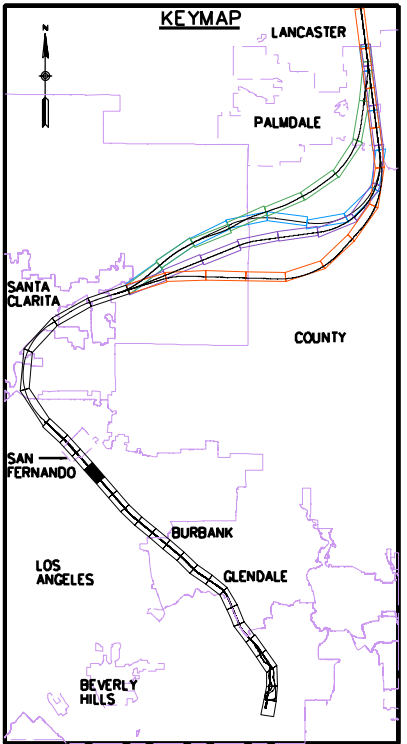
james.reilly 2010-07-07 16:47:32 c:\pwworking\hmm\james.reilly\pup.com\dms03875\LAP-CB2514.dgn



PLAN



PROFILE



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY G. MEJIA
DRAWN BY J. REILLY
CHECKED BY N. CARSTAIRS
IN CHARGE R. HOLMQUIST
DATE 07/02/2010



Hatch Mott MacDonald, URS, & Arup
A HIGH-SPEED RAIL JOINT VENTURE

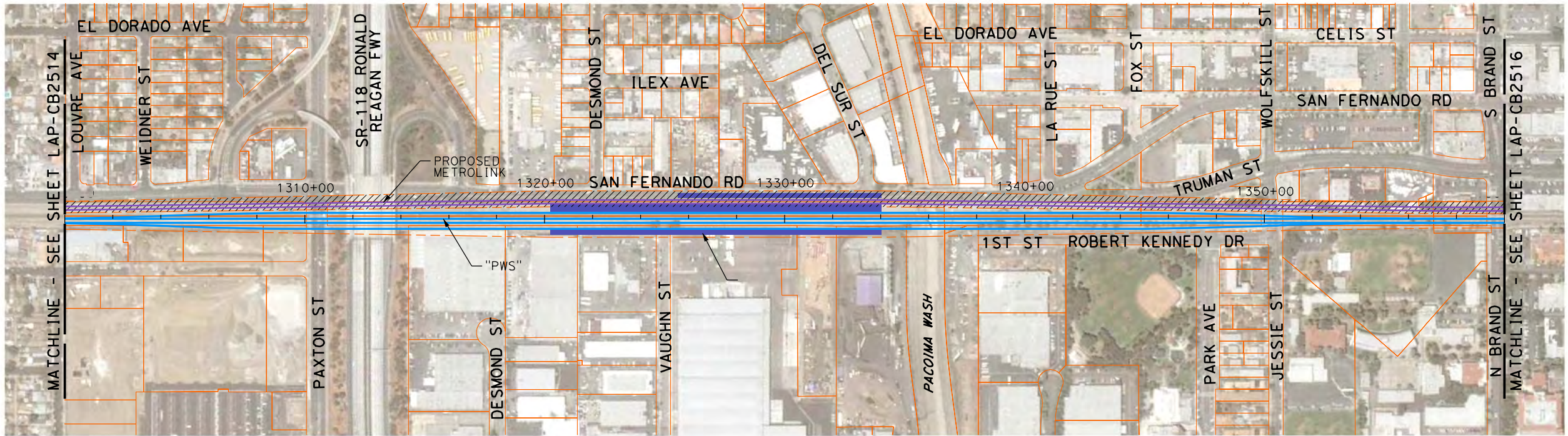


CALIFORNIA HIGH-SPEED RAIL AUTHORITY
FLY CALIFORNIA
Without ever leaving the ground.

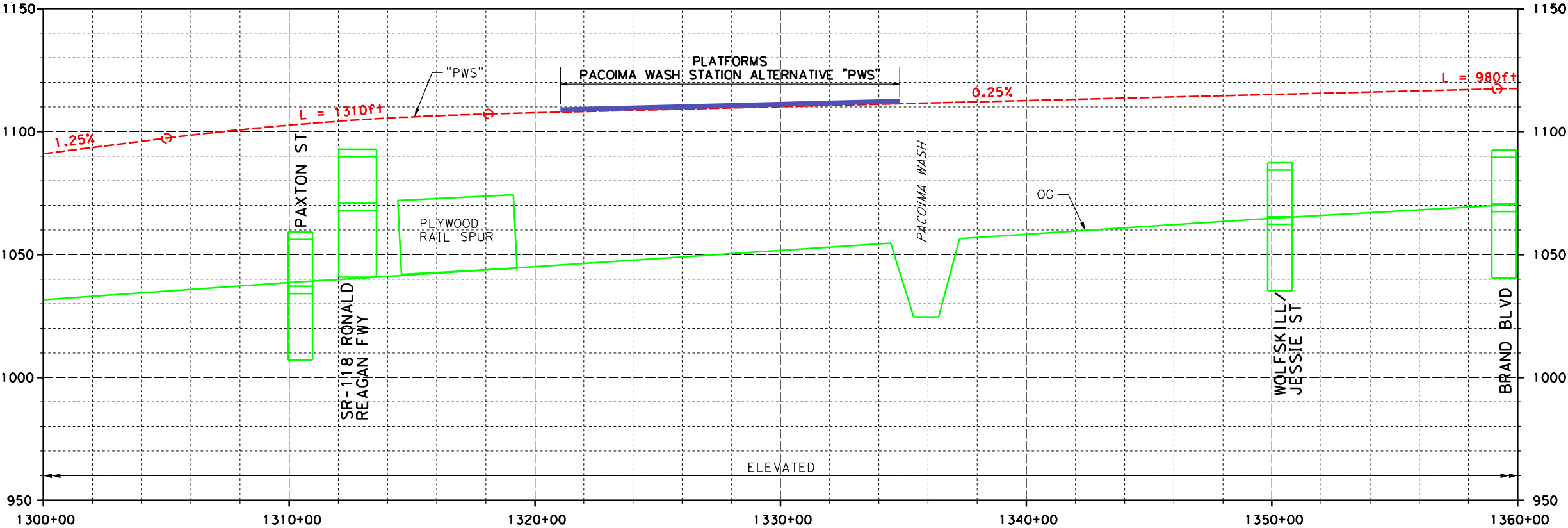
**CALIFORNIA HIGH-SPEED TRAIN PROJECT
PALMDALE TO LOS ANGELES**

ALTERNATIVE ANALYSIS
SR-2 TO SYLMAR - "PWS"
PLAN AND PROFILE
STA 1240+00 TO 1300+00

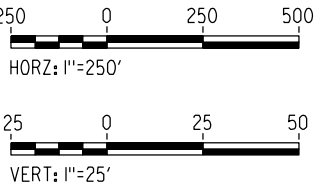
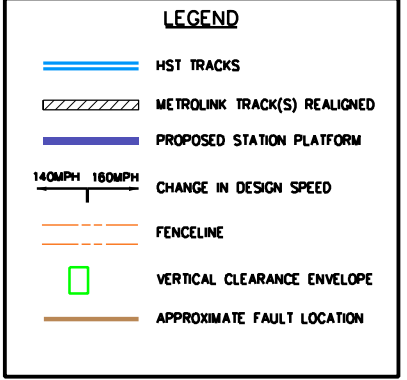
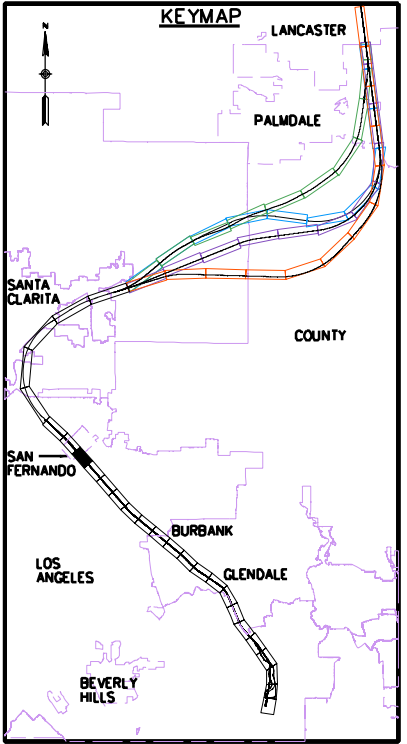
CONTRACT NO.
DRAWING NO. LAP-CB2514
SCALE AS SHOWN
SHEET NO. 1 OF 3



PLAN



PROFILE



james.reilly 2010-07-07 16:48:32 c:\pwworking\hmm\james.reilly\pup.com\dms03875\LAP-CB2515.dgn

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY G. MEJIA
DRAWN BY J. REILLY
CHECKED BY N. CARSTAIRS
IN CHARGE R. HOLMQUIST
DATE 07/02/2010



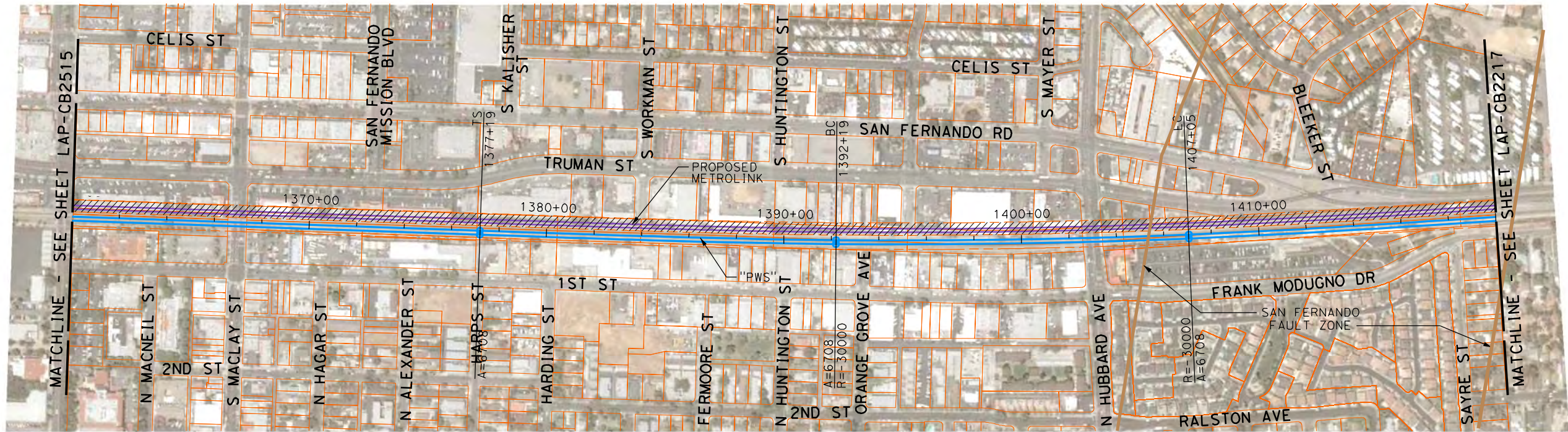
Hatch Mott MacDonald, URS, & Arup
A HIGH-SPEED RAIL JOINT VENTURE



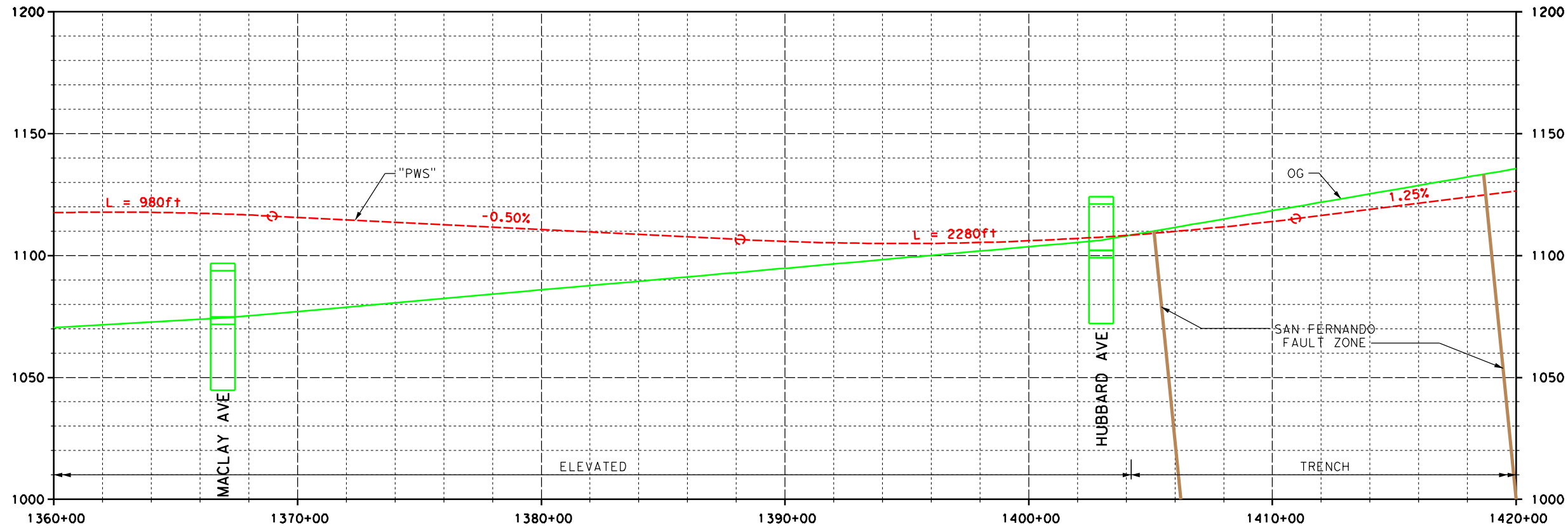
**CALIFORNIA HIGH-SPEED TRAIN PROJECT
PALMDALE TO LOS ANGELES**
ALTERNATIVE ANALYSIS
SR-2 TO SYLMAR - "PWS"
PLAN AND PROFILE
STA 1300+00 TO 1360+00

CONTRACT NO.
DRAWING NO. LAP-CB2515
SCALE AS SHOWN
SHEET NO. 2 OF 3

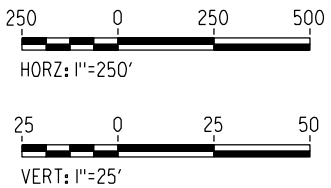
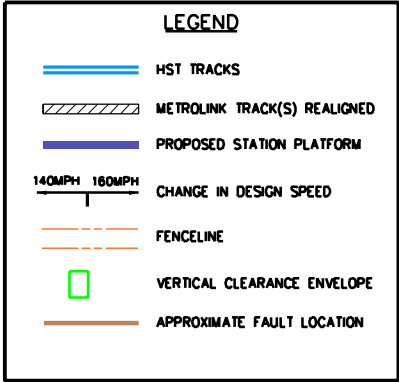
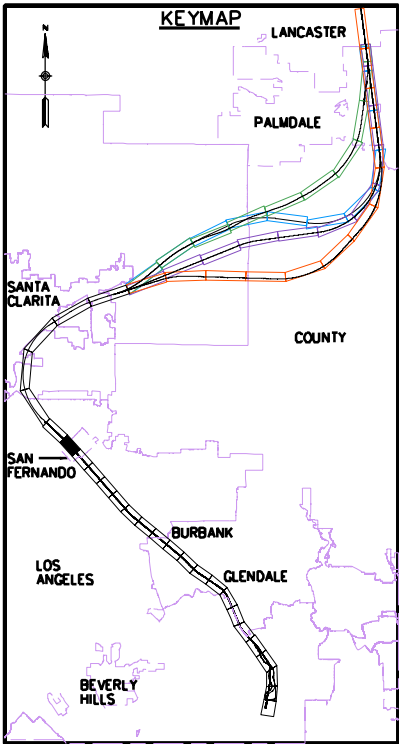
james.reilly 2010-07-07 16:49:08 c:\pwworking\hmm\james.reilly\pup.com\dms03875\LAP-CB2516.dgn



PLAN



PROFILE



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY G. MEJIA
DRAWN BY J. REILLY
CHECKED BY N. CARSTAIRS
IN CHARGE R. HOLMQUIST
DATE 07/02/2010



Hatch Mott MacDonald, URS, & Arup
A HIGH-SPEED RAIL JOINT VENTURE

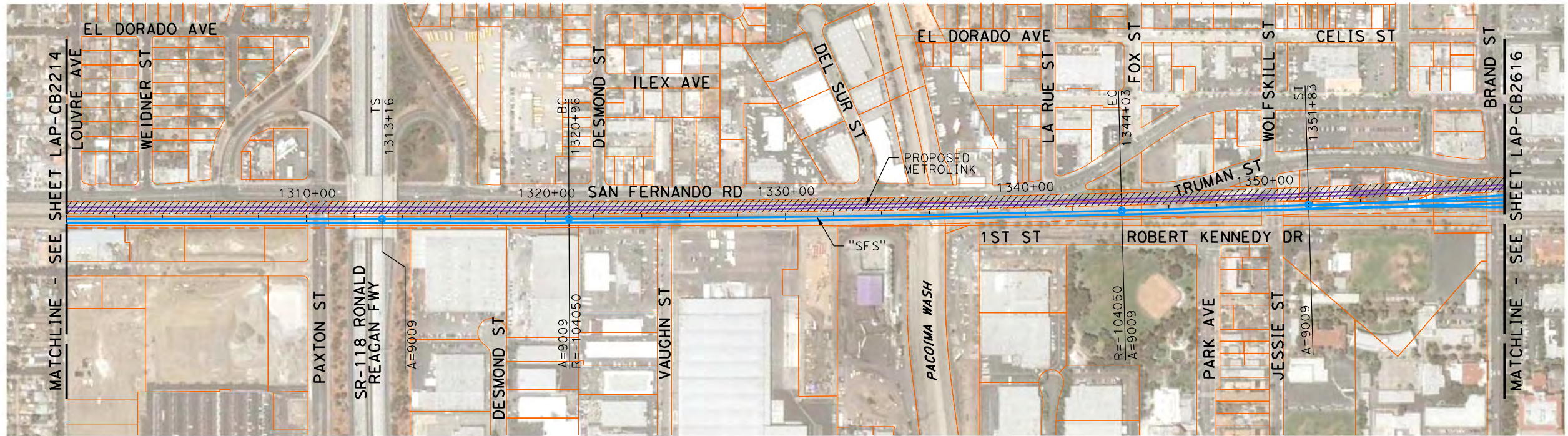


CALIFORNIA HIGH-SPEED RAIL AUTHORITY
FLY CALIFORNIA
Without ever leaving the ground.

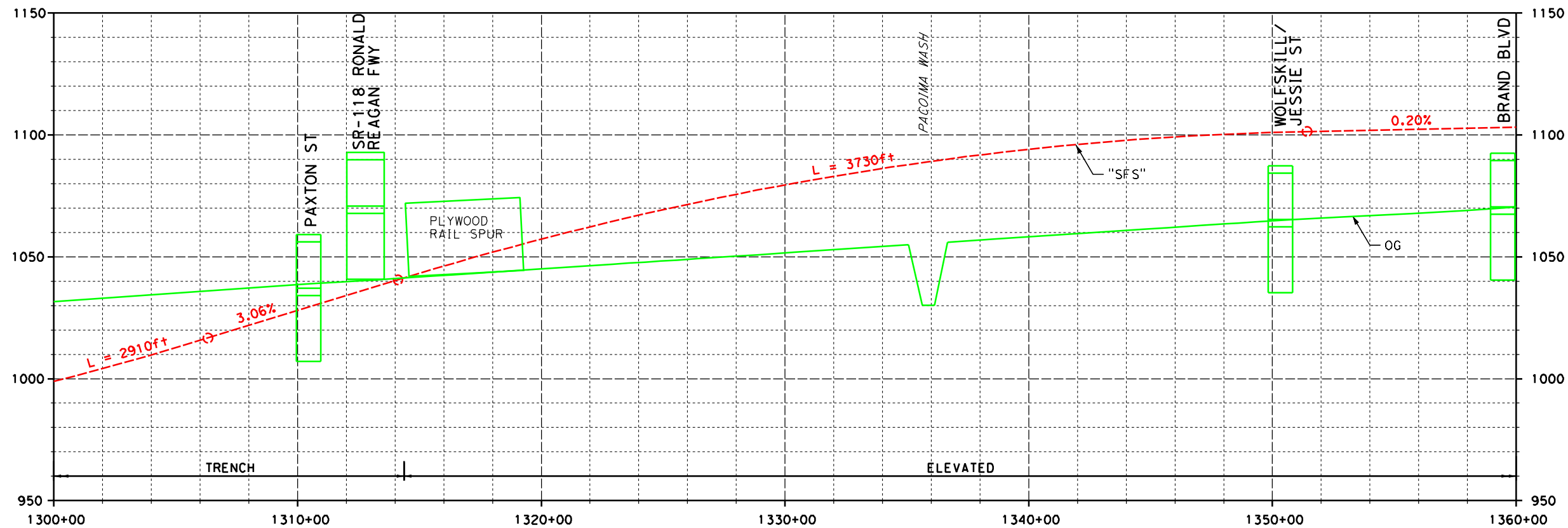
**CALIFORNIA HIGH-SPEED TRAIN PROJECT
PALMDALE TO LOS ANGELES**
ALTERNATIVE ANALYSIS
SR-2 TO SYLMAR - "PWS"
PLAN AND PROFILE
STA 1360+00 TO 1420+00

CONTRACT NO.
DRAWING NO. LAP-CB2516
SCALE AS SHOWN
SHEET NO. 3 OF 3

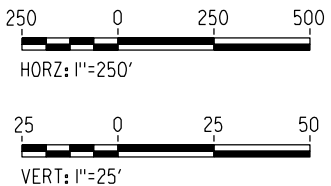
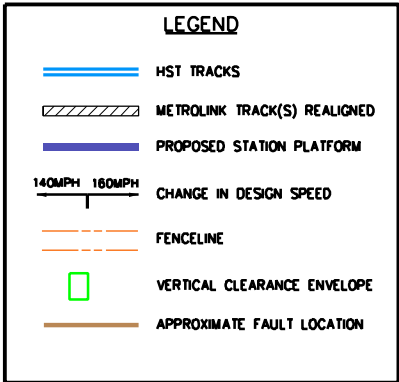
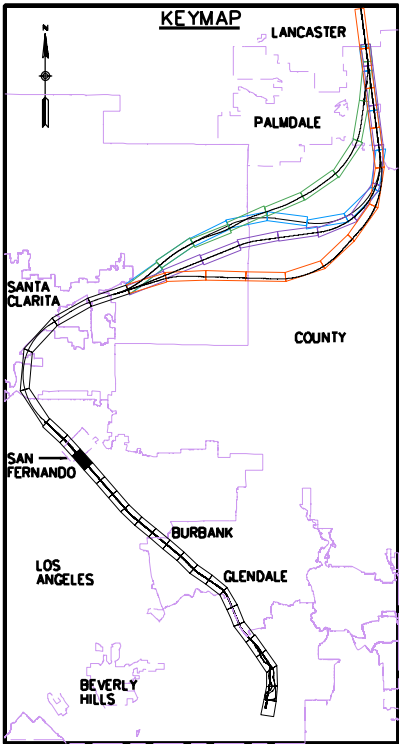
james.reilly 2010-07-07 16:50:34 c:\pwworking\hmm\james.reilly\pup.com\dms03875\LAP-CB2615.dgn



PLAN



PROFILE



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY G. MEJIA
DRAWN BY B. BODIN
CHECKED BY N. CARSTAIRS
IN CHARGE R. HOLMQUIST
DATE 07/02/2010



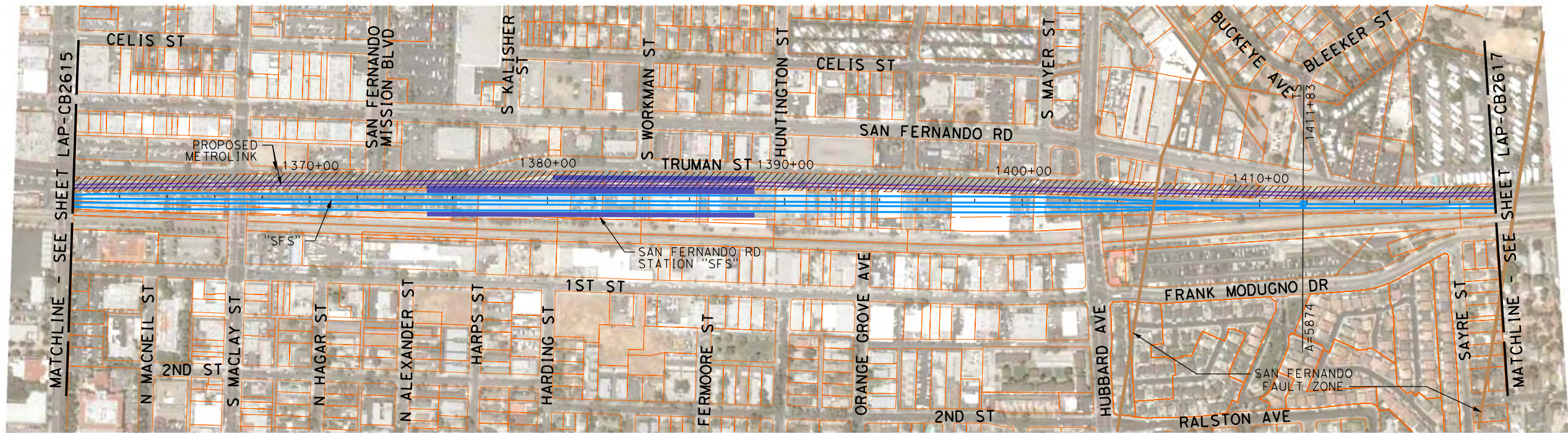
Hatch Mott MacDonald, URS, & Arup
A HIGH-SPEED RAIL JOINT VENTURE



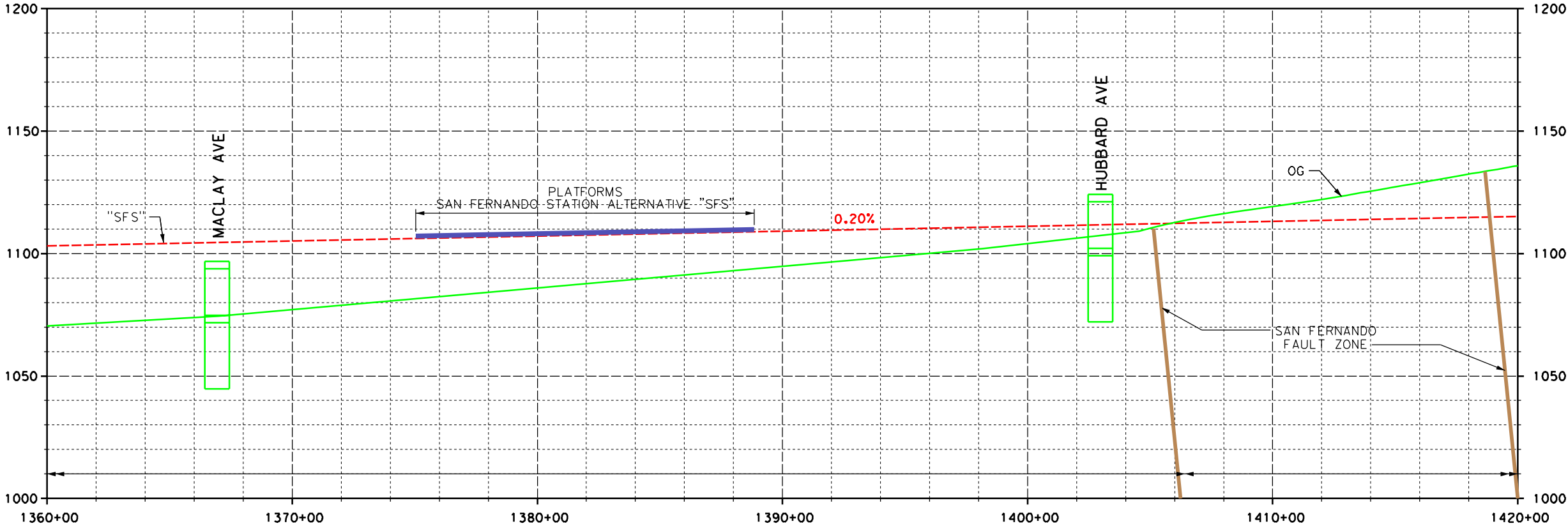
CALIFORNIA HIGH-SPEED RAIL AUTHORITY
FLY CALIFORNIA
Without ever leaving the ground.

**CALIFORNIA HIGH-SPEED TRAIN PROJECT
PALMDALE TO LOS ANGELES**
ALTERNATIVE ANALYSIS
SYLMAR/SAN FERNANDO STATION ALTERNATIVE- "SFS"
PLAN AND PROFILE
STA 1300+00 TO 1360+00

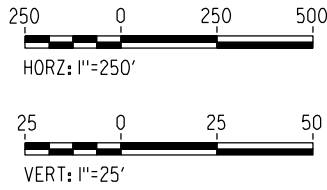
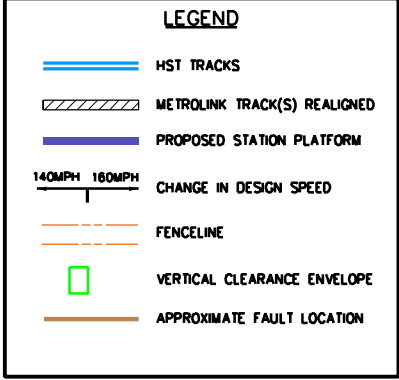
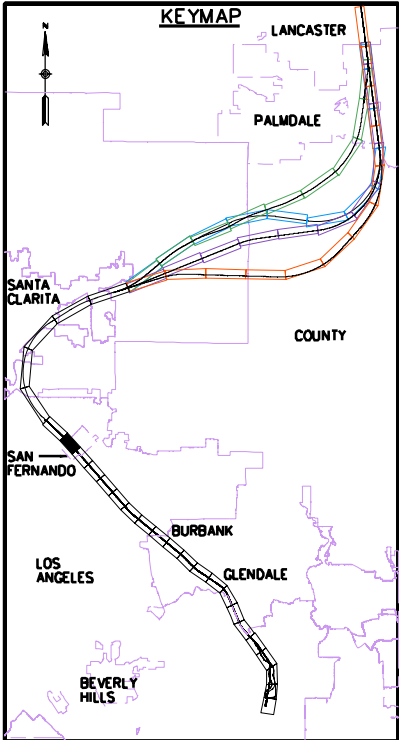
CONTRACT NO.
DRAWING NO. LAP-CB2615
SCALE AS SHOWN
SHEET NO. 1 OF 3



PLAN



PROFILE



james.reilly
2010-07-07 16:51:20
c:\pwworking\hmm\james.reilly\pup.com\dms03875\LAP-CB2616.dgn

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY G. MEJIA
DRAWN BY J. REILLY
CHECKED BY N. CARSTAIRS
IN CHARGE R. HOLMQUIST
DATE 07/02/2010



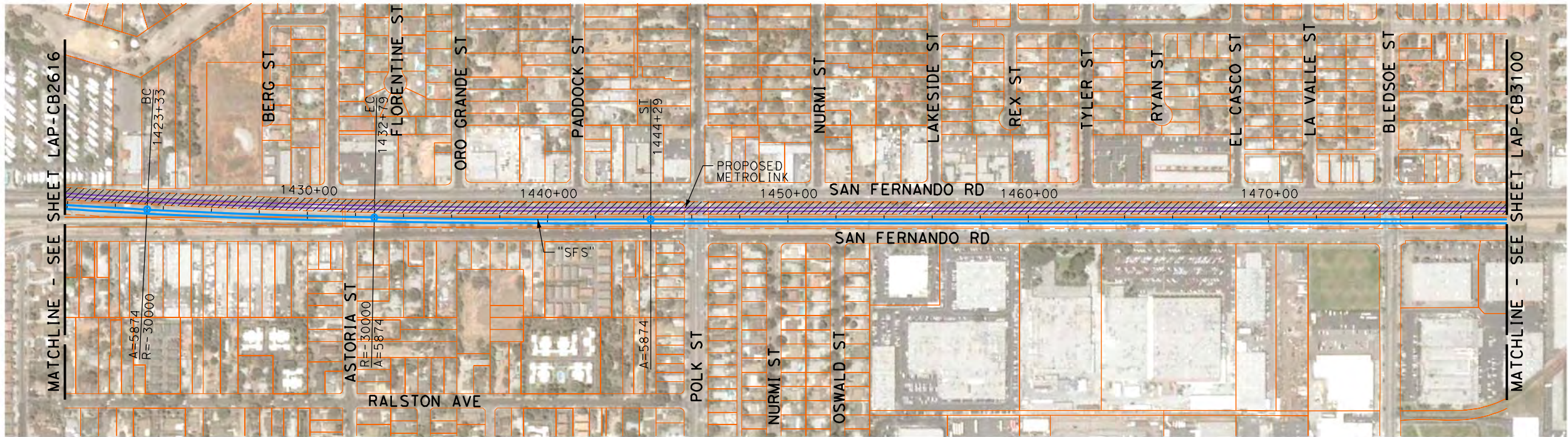
Hatch Mott MacDonald, URS, & Arup
A HIGH-SPEED RAIL JOINT VENTURE



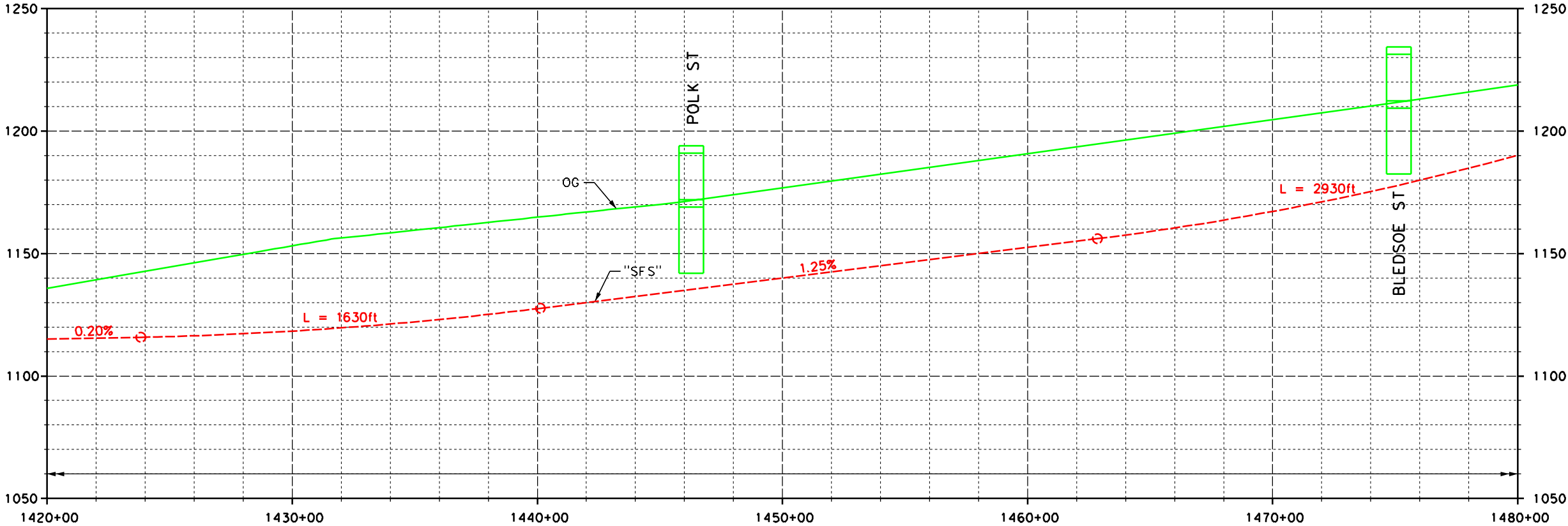
CALIFORNIA HIGH-SPEED RAIL AUTHORITY
FLY CALIFORNIA
Without ever leaving the ground.

**CALIFORNIA HIGH-SPEED TRAIN PROJECT
PALMDALE TO LOS ANGELES**
ALTERNATIVE ANALYSIS
SYLMAR/SAN FERNANDO STATION ALTERNATIVE- "SFS"
PLAN AND PROFILE
STA 1360+00 TO 1420+00

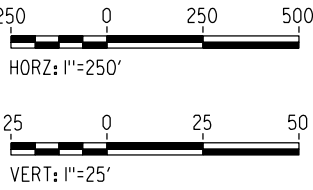
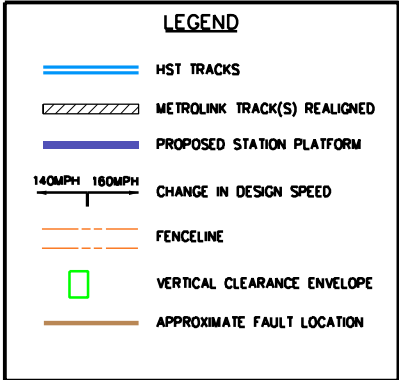
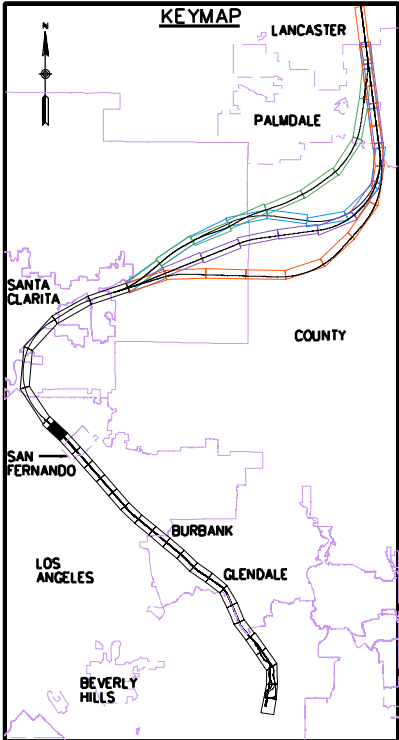
CONTRACT NO.
DRAWING NO. LAP-CB2616
SCALE AS SHOWN
SHEET NO. 2 OF 3



PLAN



PROFILE



james.reilly 2010-07-07 16:52:13 c:\pwworking\hmm\james.reilly\pup.com\dms03875\LAP-CB2617.dgn

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY G. MEJIA
DRAWN BY J. REILLY
CHECKED BY N. CARSTAIRS
IN CHARGE R. HOLMQUIST
DATE 07/02/2010



Hatch Mott MacDonald, URS, & Arup
A HIGH-SPEED RAIL JOINT VENTURE



CALIFORNIA HIGH-SPEED RAIL AUTHORITY
FLY CALIFORNIA
Without ever leaving the ground.

**CALIFORNIA HIGH-SPEED TRAIN PROJECT
PALMDALE TO LOS ANGELES**
ALTERNATIVE ANALYSIS
SYLMAR/SAN FERNANDO STATION ALTERNATIVE- "SFS"
PLAN AND PROFILE
STA 1420+00 TO 1480+00

CONTRACT NO.
DRAWING NO. LAP-CB2617
SCALE AS SHOWN
SHEET NO. 3 OF 3